

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047133.D
 Acq On : 14 Feb 2022 15:10
 Operator : SY/MD
 Sample : VU0214WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0214WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 15 03:49:23 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	66140	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	25256	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	25043	0.939	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	40005	1.814	ug/l	98
3) Chloromethane	1.530	50	42487	1.876	ug/l	99
4) Vinyl Chloride	1.610	62	40838	1.826	ug/l	100
5) Bromomethane	1.864	94	26930	1.844	ug/l	98
6) Chloroethane	1.941	64	24239	1.887	ug/l	98
7) Trichlorofluoromethane	2.147	101	48527	1.841	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	28084	1.849	ug/l	94
9) 1,1-Dichloroethene	2.588	96	28601	1.829	ug/l	100
10) Iodomethane	2.732	142	20761	1.916	ug/l	94
11) Allyl Chloride	2.932	41	45834	1.881	ug/l	90
12) Acrylonitrile	3.324	53	15041	3.278	ug/l	92
13) Acetone	2.639	43	22377	9.936	ug/l	99
14) Carbon Disulfide	2.803	76	98886	1.870	ug/l	100
15) Methylene Chloride	3.054	84	33233	1.893	ug/l	99
16) trans-1,2-Dichloroethene	3.359	96	30906	1.873	ug/l	97
17) 1,1-Dichloroethane	3.877	63	55652	1.841	ug/l	100
18) 2-Butanone	4.719	43	39695	8.587	ug/l	98
19) Cyclohexane	5.391	56	51424m	1.836	ug/l	
20) Methylcyclohexane	6.768	83	54251	1.757	ug/l	96
21) 2,2-Dichloropropane	4.671	77	50620	1.874	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	34904	1.839	ug/l	96
23) Diethyl Ether	2.382	59	22645	1.792	ug/l	95
24) tert-Butyl Alcohol	3.218	59	16090	19.581	ug/l #	86
25) Methyl tert-Butyl Ether	3.372	73	81474	1.858	ug/l	99
26) Bromochloromethane	4.983	128	16362	1.917	ug/l	91
27) Chloroform	5.096	83	58231	1.898	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	49678	1.871	ug/l	98
29) 1,1-Dichloropropene	5.533	75	44518	1.831	ug/l	99
30) Carbon Tetrachloride	5.530	117	42751	1.831	ug/l	100
31) Isopropyl Ether	4.002	45	90661	1.875	ug/l	96
32) Ethyl-t-butyl ether	4.510	59	91026	1.852	ug/l	97
33) Tert-Amyl methyl ether	5.944	73	83466	1.844	ug/l	98
34) Propionitrile	4.793	54	10892	9.560	ug/l #	90
35) Benzene	5.780	78	129974	1.908	ug/l	98
36) 1,2-Dichloroethane	5.800	62	39016	1.892	ug/l	100
37) Trichloroethene	6.546	130	35259	1.869	ug/l	93
38) 1,2-Dichloropropane	6.796	63	33726	1.871	ug/l	99
39) Methacrylonitrile	4.983	41	11289	1.817	ug/l	96
40) Methyl acrylate	4.854	55	17423	1.659	ug/l #	96
41) Tetrahydrofuran	5.070	42	10417	3.291	ug/l	97
42) 1-Chlorobutane	5.465	56	60408	1.851	ug/l	100
43) Dibromomethane	6.922	93	18280	1.880	ug/l	92
44) Bromodichloromethane	7.108	83	43620	1.897	ug/l	98

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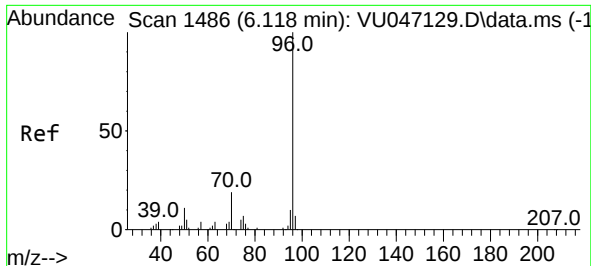
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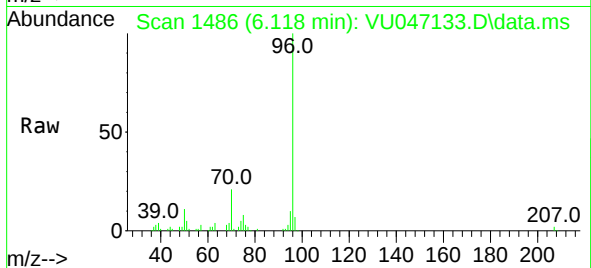
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	121378	9.231	ug/l	98
46) t-1,4-Dichloro-2-butene	10.838	75	19161m	3.347	ug/l	
47) Methyl methacrylate	6.964	69	37271	3.655	ug/l	93
48) Ethyl methacrylate	8.337	69	37156	1.798	ug/l	96
49) Toluene	7.973	92	82181	1.870	ug/l	97
50) t-1,3-Dichloropropene	8.214	75	46009	1.849	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	52011	1.864	ug/l	99
52) 1,1,2-Trichloroethane	8.404	97	26481	1.909	ug/l	98
53) 1,3-Dichloropropane	8.578	76	45716	1.845	ug/l	97
54) 2-Hexanone	8.690	43	85802	8.759	ug/l	100
55) Dibromochloromethane	8.812	129	31387	1.861	ug/l	100
56) 1,2-Dibromoethane	8.928	107	25832	1.843	ug/l	98
58) Tetrachloroethene	8.555	164	32353	1.859	ug/l	96
59) Chlorobenzene	9.449	112	90534	1.848	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	31085	1.846	ug/l	99
61) Pentachloroethane	11.430	117	23317	1.824	ug/l	89
62) Hexachloroethane	12.478	117	23471	1.701	ug/l #	79
63) Ethyl Benzene	9.574	91	159729	1.854	ug/l	99
64) m/p-Xylenes	9.697	106	121938	3.714	ug/l	96
65) o-Xylene	10.102	106	59130	1.859	ug/l	98
66) Styrene	10.118	104	100173	1.856	ug/l	97
67) Bromoform	10.295	173	19491	1.824	ug/l #	97
69) Isopropylbenzene	10.488	105	156535	1.830	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	33835	1.804	ug/l	100
71) 1,2,3-Trichloropropane	10.835	75	28239m	1.784	ug/l	
72) Bromobenzene	10.787	156	38247	1.831	ug/l	88
73) n-propylbenzene	10.909	120	41900	1.779	ug/l	89
74) 2-Chlorotoluene	10.989	126	36912	1.839	ug/l	88
75) 1,3,5-Trimethylbenzene	11.089	105	127196	1.813	ug/l	99
76) 4-Chlorotoluene	11.099	126	37706	1.788	ug/l	85
77) tert-Butylbenzene	11.423	119	126471	1.797	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	129546	1.810	ug/l	97
79) sec-Butylbenzene	11.645	105	163706	1.752	ug/l	97
80) Nitrobenzene	13.208	77	7037	7.772	ug/l	99
81) p-Isopropyltoluene	11.796	119	137353	1.737	ug/l	98
82) 1,3-Dichlorobenzene	11.748	146	72388	1.780	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	74424	1.817	ug/l	97
84) n-Butylbenzene	12.211	91	129327	1.703	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	70229	1.794	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.996	75	5898	1.715	ug/l #	82
87) 1,2,4-Trichlorobenzene	13.841	180	53363	1.736	ug/l	97
88) Hexachlorobutadiene	14.021	225	26695	1.699	ug/l	99
89) Naphthalene	14.089	128	110535	1.756	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	50383	1.828	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: VU047133.D
Acq: 14 Feb 2022 15:10

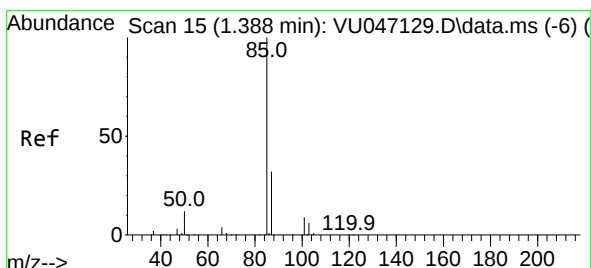
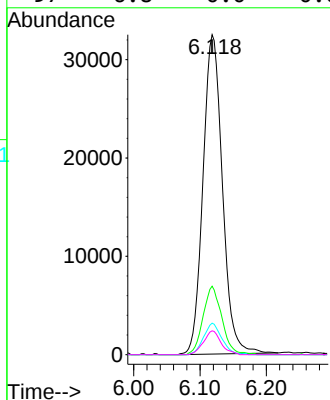
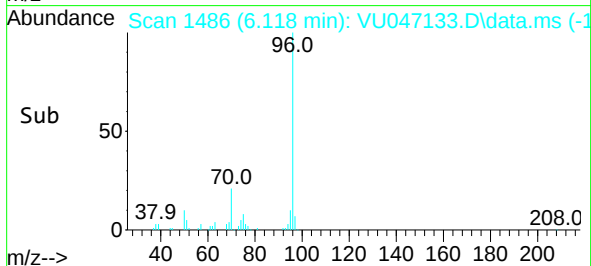
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



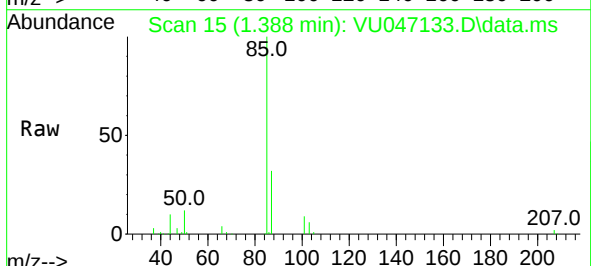
Tgt Ion: 96 Resp: 66140
Ion Ratio Lower Upper
96 100
70 20.7 16.8 25.2
95 9.3 7.3 10.9
97 6.8 0.0 0.0#

Manual Integrations
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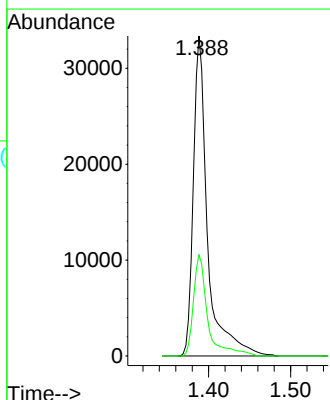
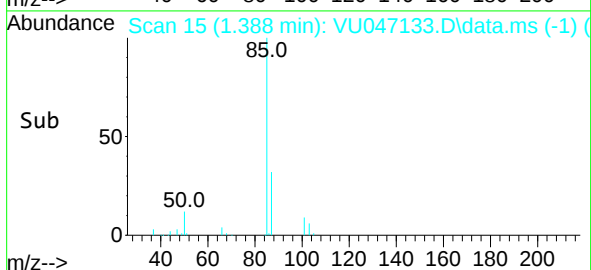
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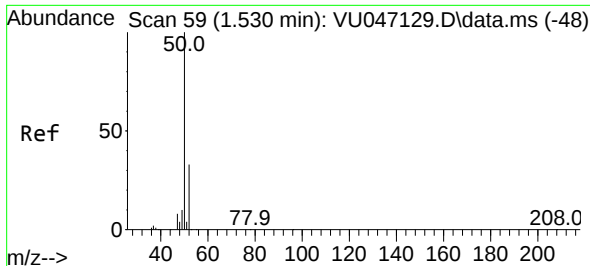


#2
Dichlorodifluoromethane
Concen: 1.814 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



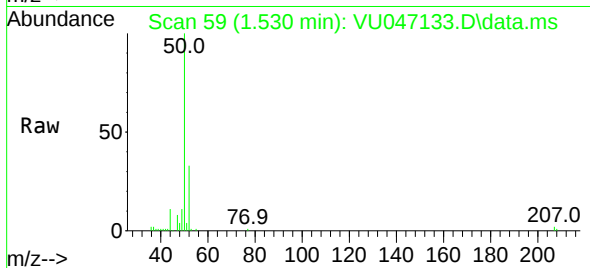
Tgt Ion: 85 Resp: 40005
Ion Ratio Lower Upper
85 100
87 31.6 16.2 48.6





#3
Chloromethane
Concen: 1.876 ug/l
RT: 1.530 min Scan# 59
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

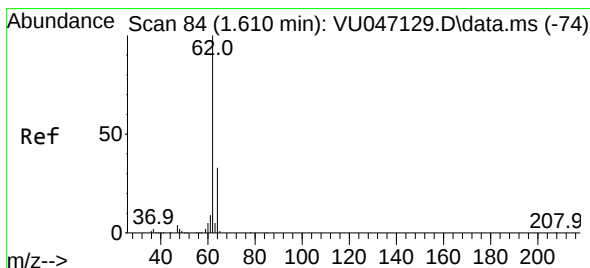
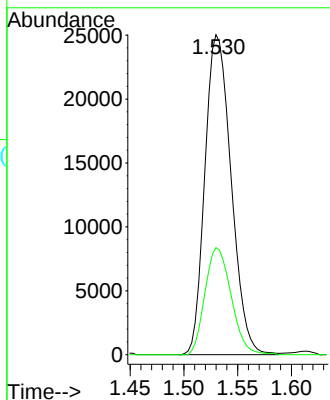
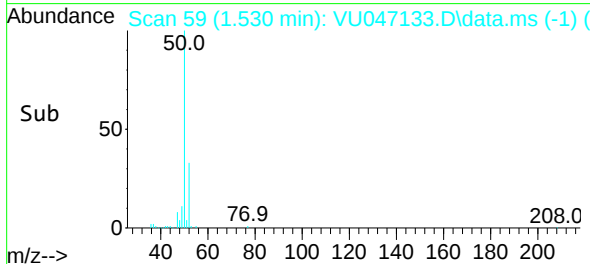
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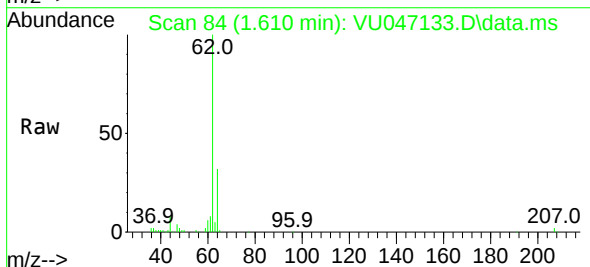
Tgt Ion: 50 Resp: 4248
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.4

Manual Integrations
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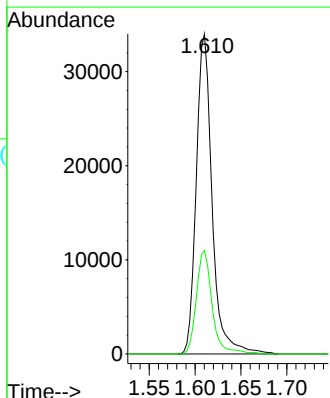
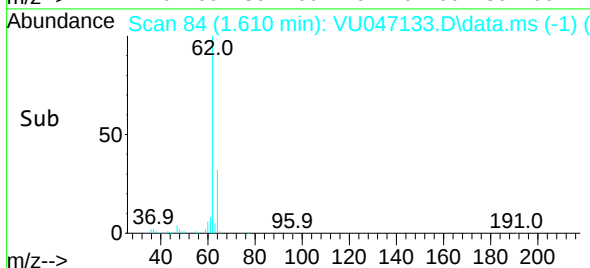
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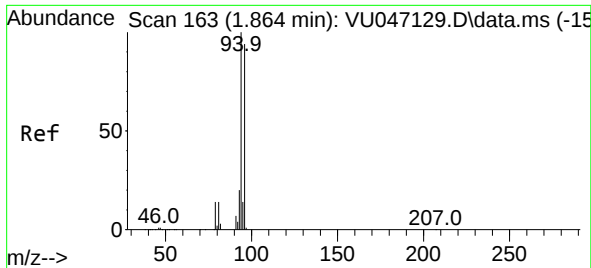


#4
Vinyl Chloride
Concen: 1.826 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



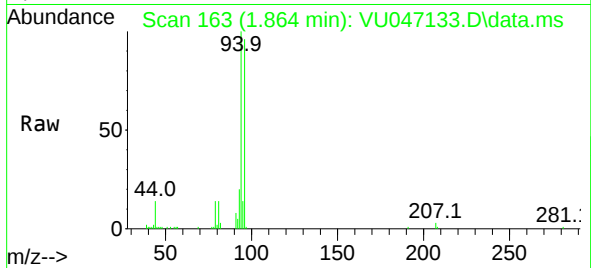
Tgt Ion: 62 Resp: 40838
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0





#5
Bromomethane
Concen: 1.844 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

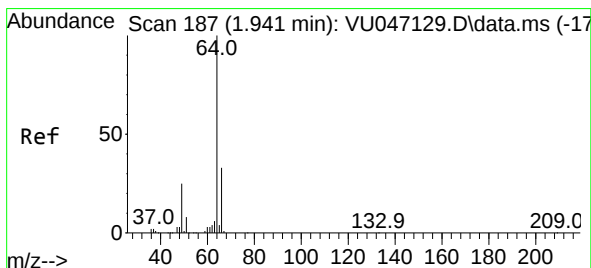
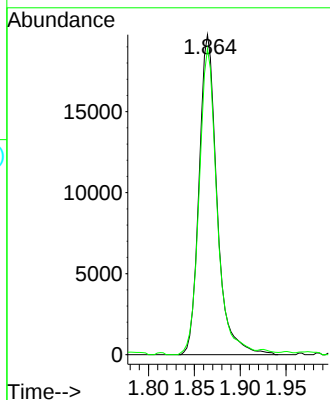
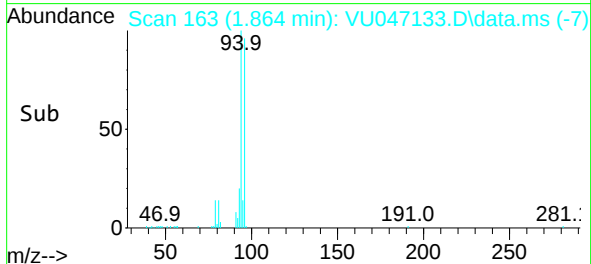
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ClientSampleId :
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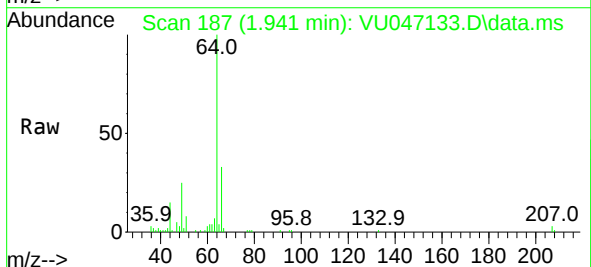
Tgt Ion: 94 Resp: 26930
Ion Ratio Lower Upper
94 100
96 95.7 75.0 112.4

Manual Integrations
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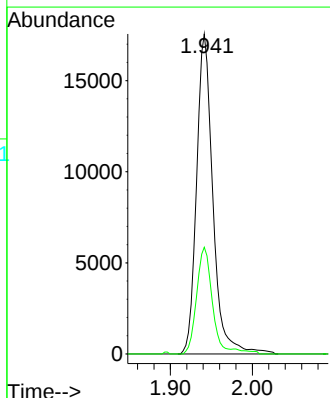
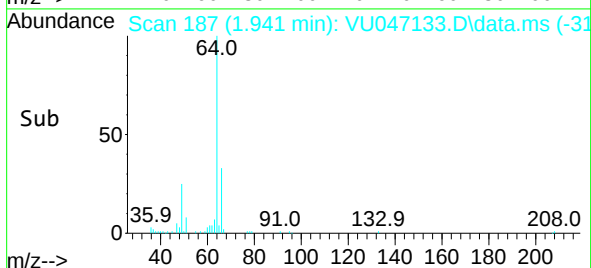
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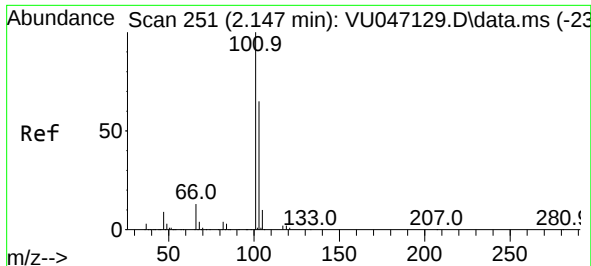


#6
Chloroethane
Concen: 1.887 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



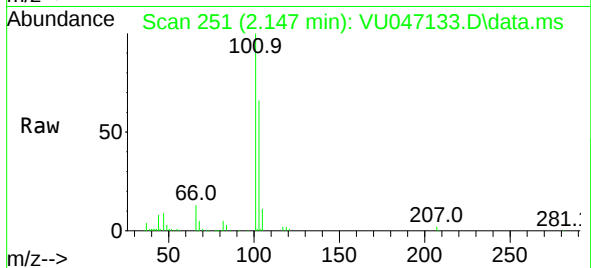
Tgt Ion: 64 Resp: 24239
Ion Ratio Lower Upper
64 100
66 33.4 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 1.841 ug/l
 RT: 2.147 min Scan# 251
 Delta R.T. 0.000 min
 Lab File: VU047133.D
 Acq: 14 Feb 2022 15:10

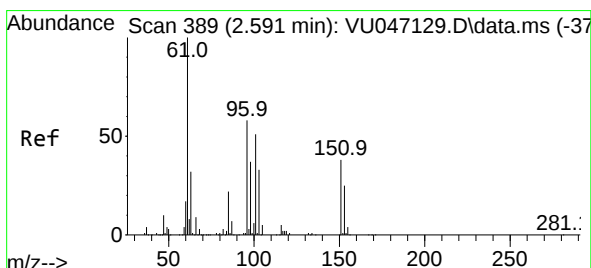
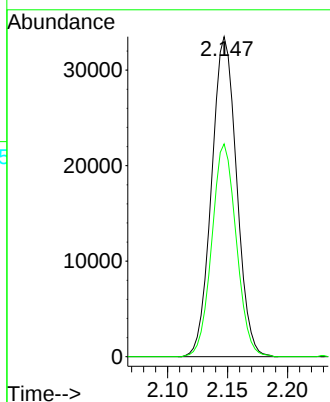
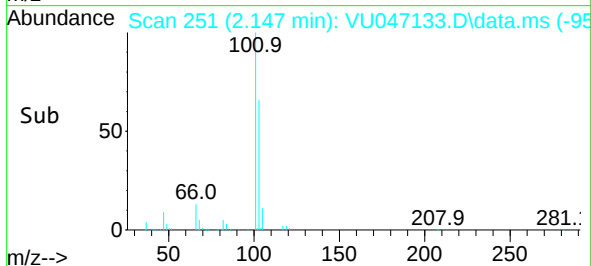
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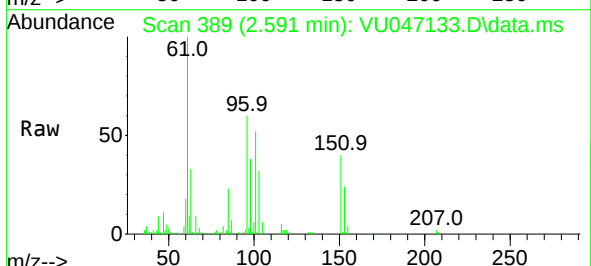
Tgt Ion:101 Resp: 4852
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.2 78.2

Manual Integrations
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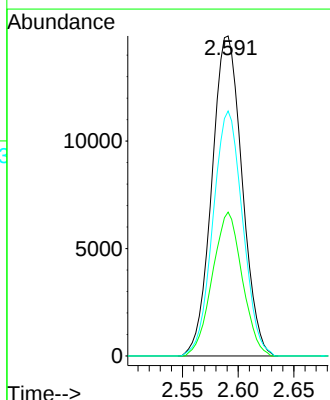
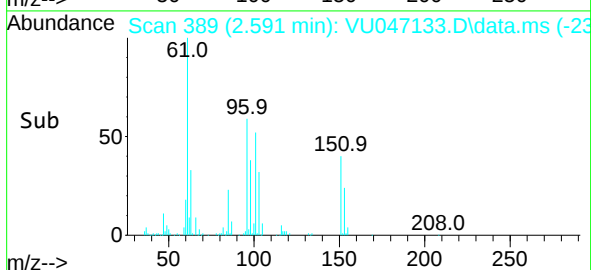
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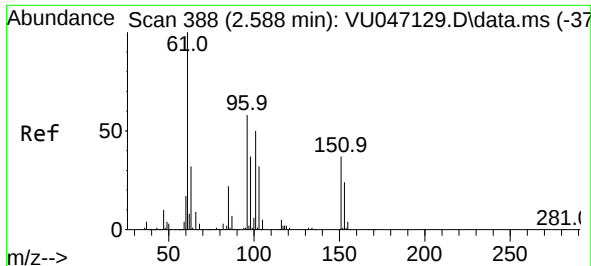


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.849 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU047133.D
 Acq: 14 Feb 2022 15:10



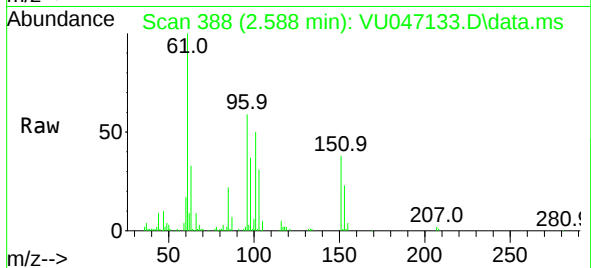
Tgt Ion:101 Resp: 28084
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.8 53.6
 151 75.5 54.6 81.8





#9
1,1-Dichloroethene
Concen: 1.829 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

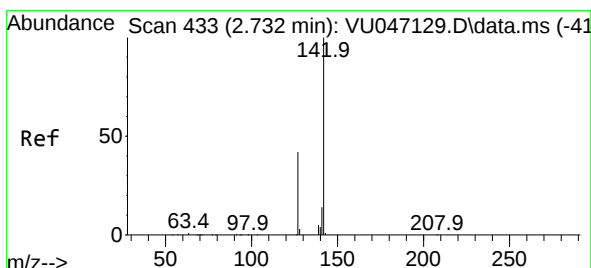
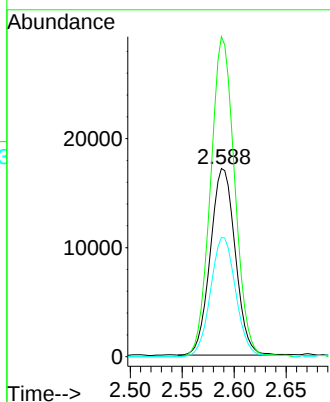
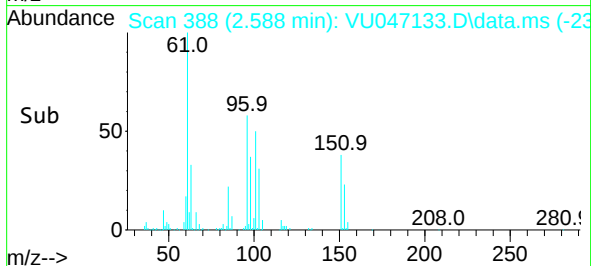
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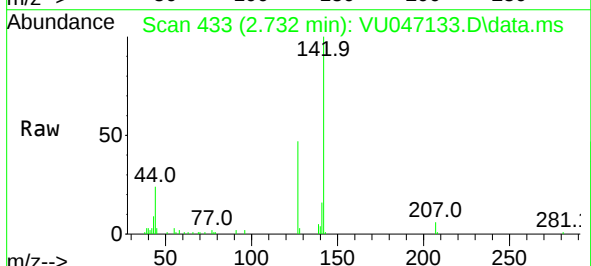
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Ion Ratio Lower Upper
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98 63.8 0.0 126.4

Manual Integrations
APPROVED

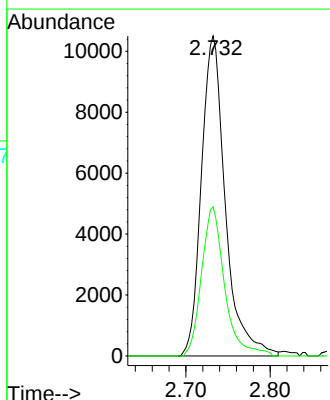
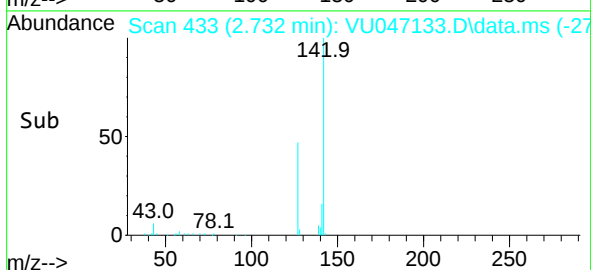
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

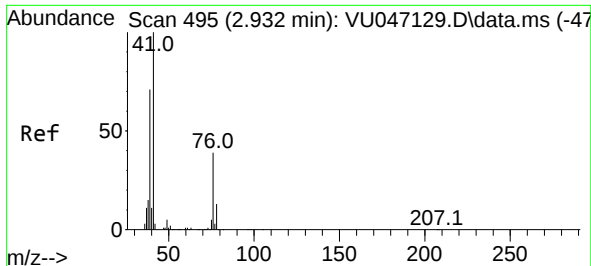


#10
Iodomethane
Concen: 1.916 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



Tgt Ion:142 Resp: 20761
Ion Ratio Lower Upper
142 100
127 45.0 33.2 49.8





#11

Allyl Chloride

Concen: 1.881 ug/l

RT: 2.932 min Scan# 495

Delta R.T. 0.000 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBS01

Tgt Ion: 41 Resp: 45834

Ion Ratio Lower Upper

41 100

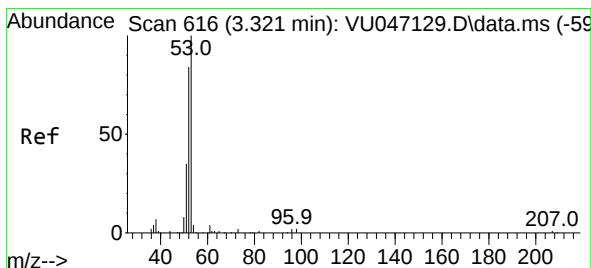
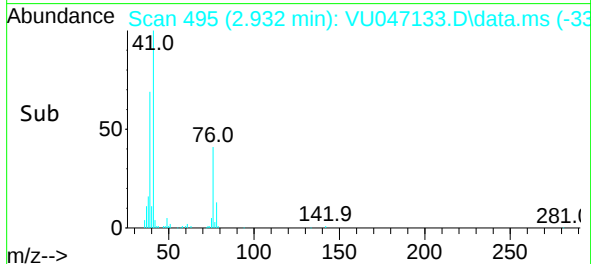
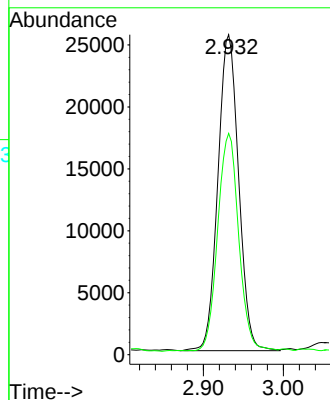
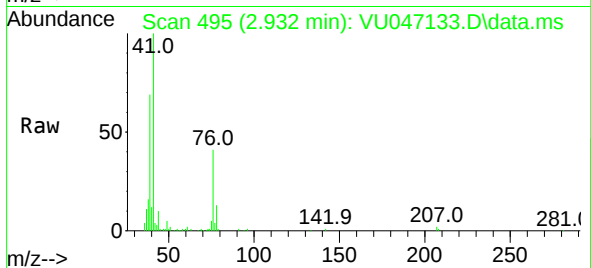
39 69.3 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#12

Acrylonitrile

Concen: 3.278 ug/l

RT: 3.324 min Scan# 617

Delta R.T. 0.003 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

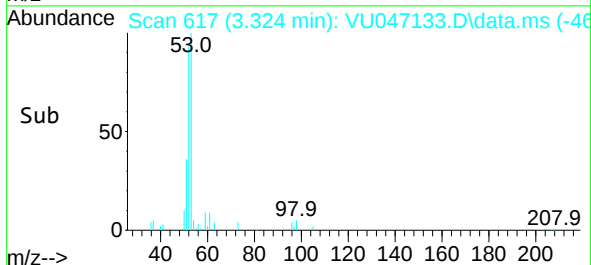
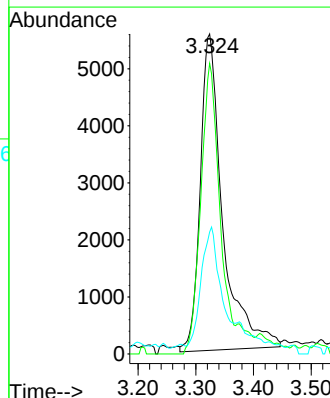
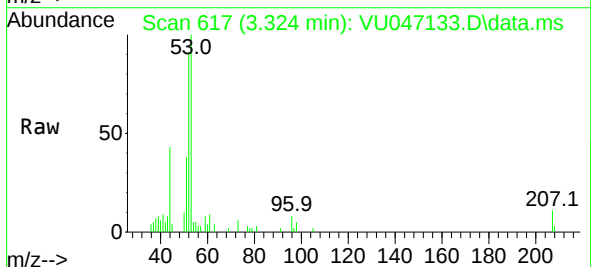
Tgt Ion: 53 Resp: 15041

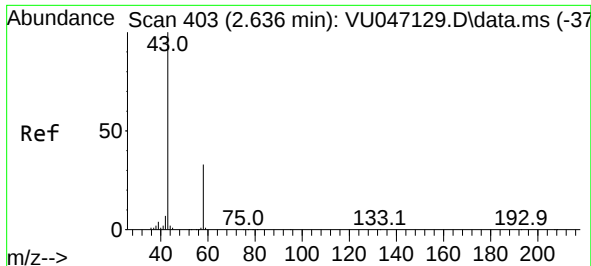
Ion Ratio Lower Upper

53 100

52 76.6 56.7 85.1

51 31.6 30.3 45.5





#13

Acetone

Concen: 9.936 ug/l

RT: 2.639 min Scan# 403

Delta R.T. 0.003 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBS01

Tgt Ion: 43 Resp: 2237

Ion Ratio Lower Upper

43 100

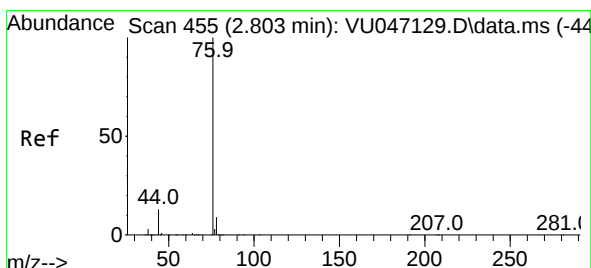
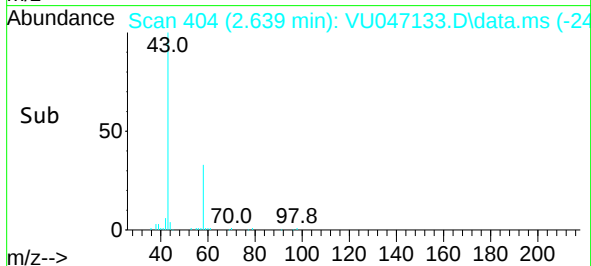
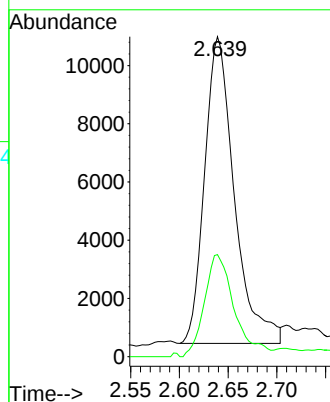
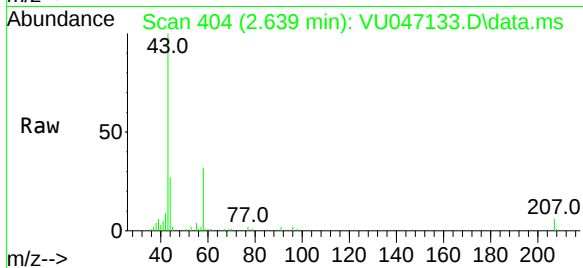
58 33.3 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#14

Carbon Disulfide

Concen: 1.870 ug/l

RT: 2.803 min Scan# 455

Delta R.T. 0.000 min

Lab File: VU047133.D

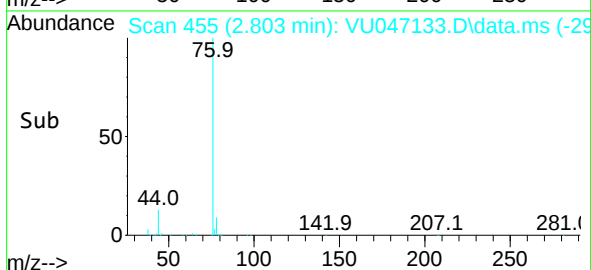
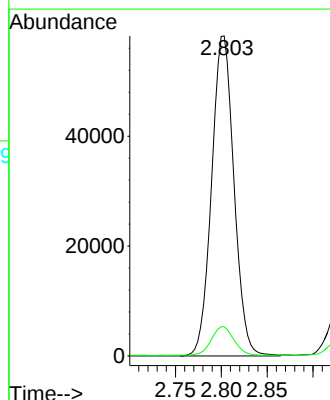
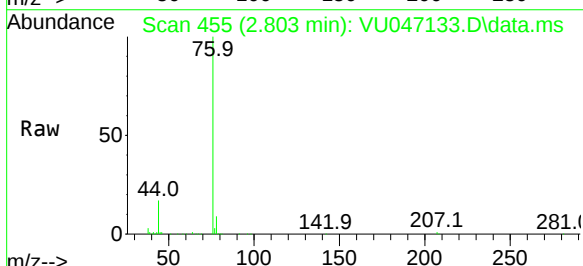
Acq: 14 Feb 2022 15:10

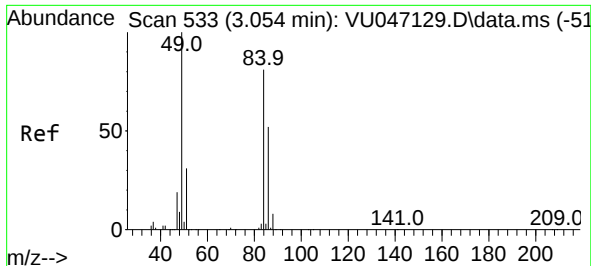
Tgt Ion: 76 Resp: 98886

Ion Ratio Lower Upper

76 100

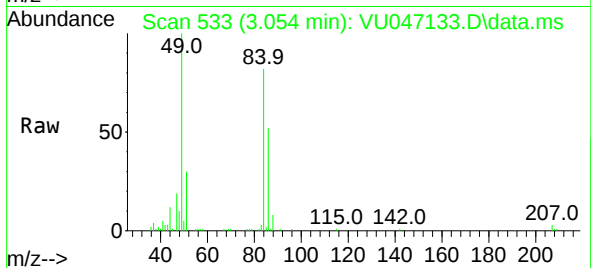
78 8.9 7.1 10.7





#15
Methylene Chloride
Concen: 1.893 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

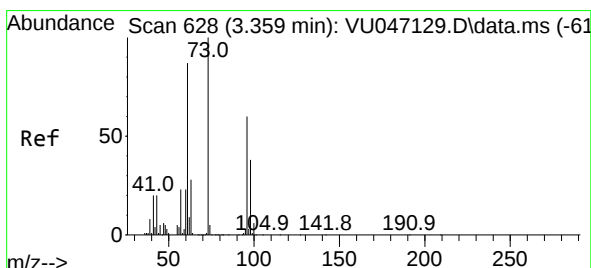
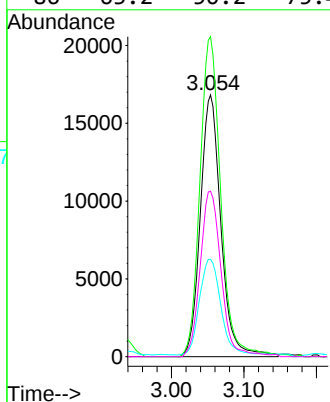
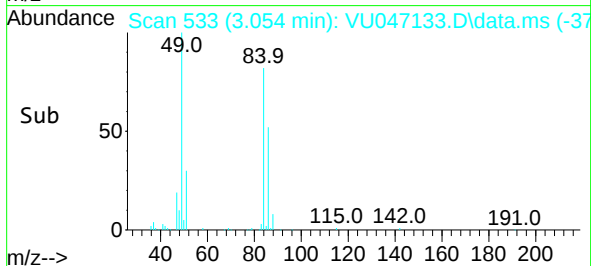
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



Tgt Ion: 84 Resp: 3323
Ion Ratio Lower Upper
84 100
49 122.3 97.2 145.8
51 36.6 0.0 73.4
86 63.2 50.2 75.4

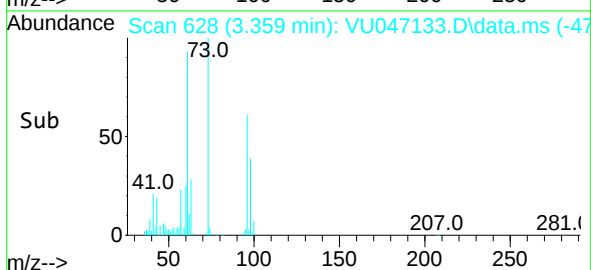
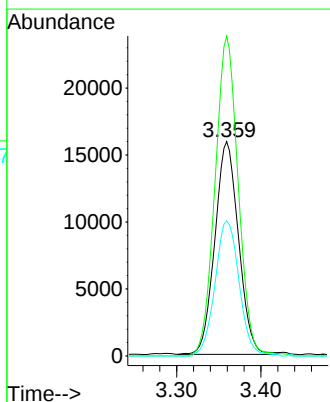
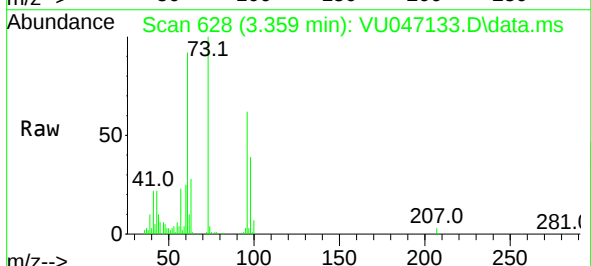
Manual Integrations
APPROVED

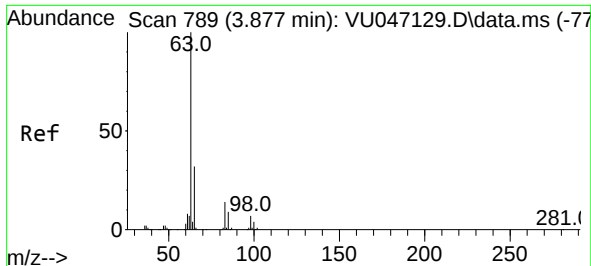
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#16
trans-1,2-Dichloroethene
Concen: 1.873 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

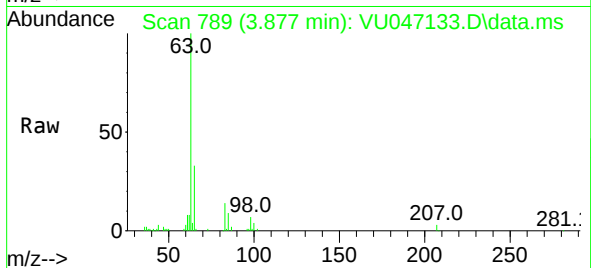
Tgt Ion: 96 Resp: 30906
Ion Ratio Lower Upper
96 100
61 150.4 115.8 173.6
98 63.5 51.1 76.7





#17
1,1-Dichloroethane
Concen: 1.841 ug/l
RT: 3.877 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

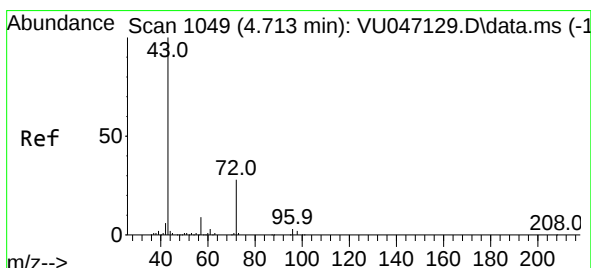
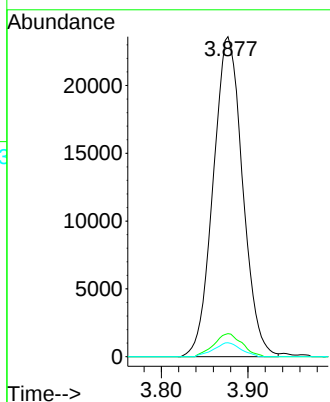
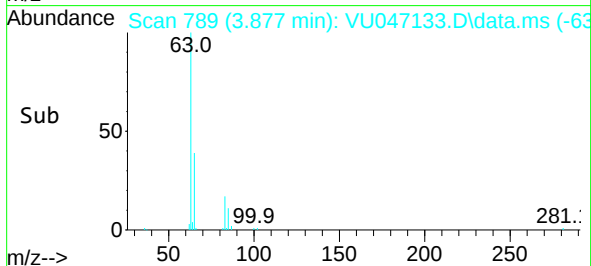
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



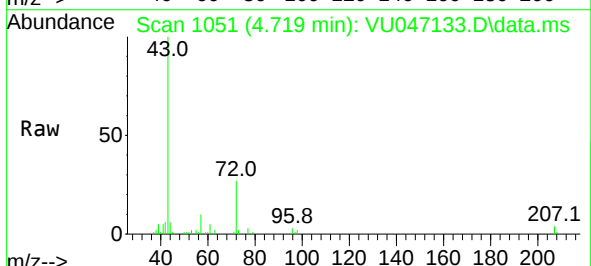
Tgt Ion: 63 Resp: 5565
Ion Ratio Lower Upper
63 100
98 7.2 3.6 10.8
100 4.4 2.1 6.5

Manual Integrations
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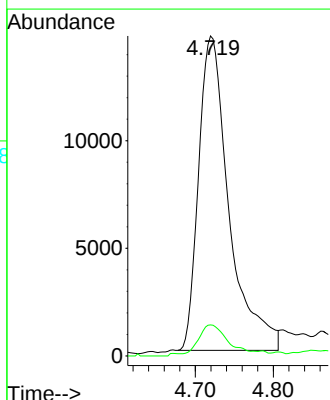
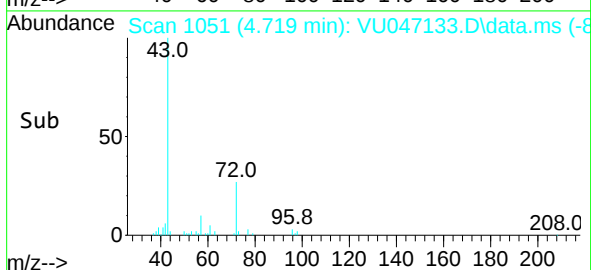
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

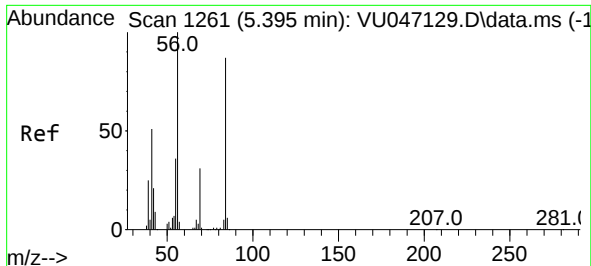


#18
2-Butanone
Concen: 8.587 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



Tgt Ion: 43 Resp: 39695
Ion Ratio Lower Upper
43 100
57 9.1 0.0 16.6





#19

Cyclohexane

Concen: 1.836 ug/l m

RT: 5.391 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU047133.D

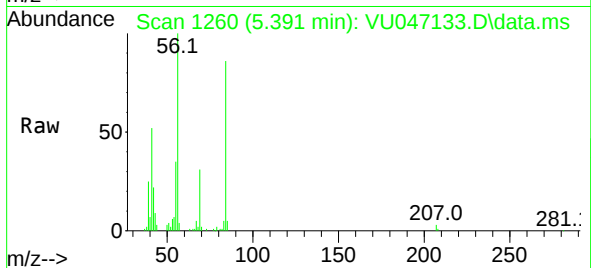
Acq: 14 Feb 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBS01



Tgt Ion: 56 Resp: 51424

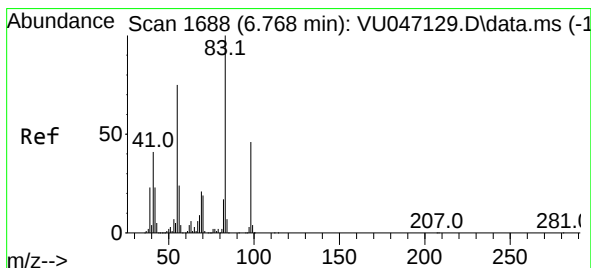
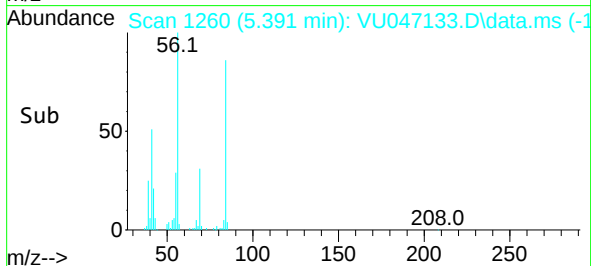
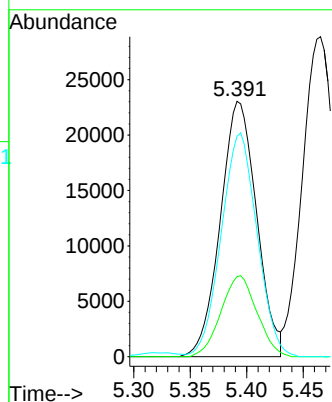
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.7	37.1
84	85.5	68.8	103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#20

Methylcyclohexane

Concen: 1.757 ug/l

RT: 6.768 min Scan# 1688

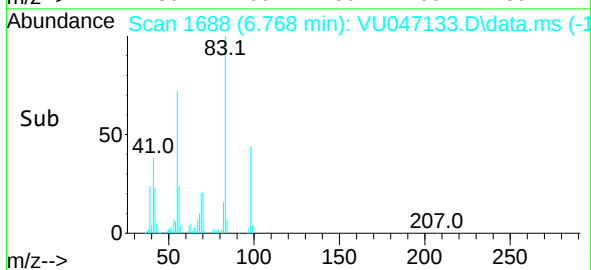
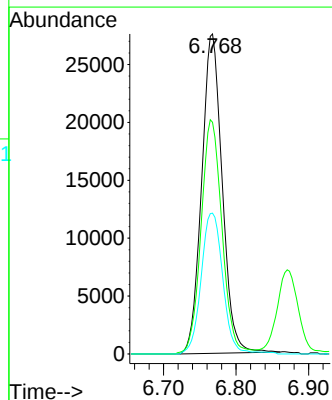
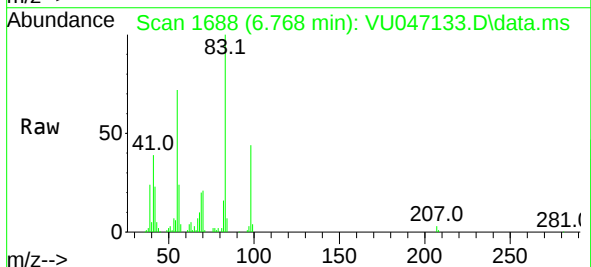
Delta R.T. 0.000 min

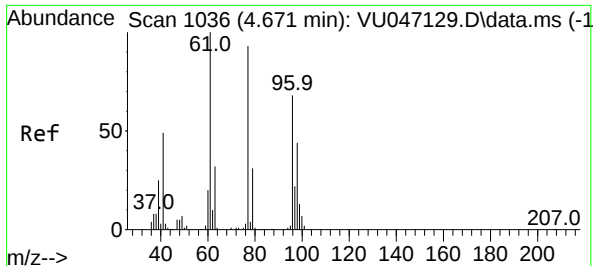
Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Tgt Ion: 83 Resp: 54251

Ion	Ratio	Lower	Upper
83	100		
55	72.6	61.9	92.9
98	46.7	37.4	56.2





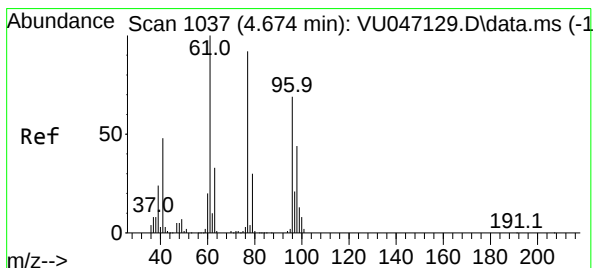
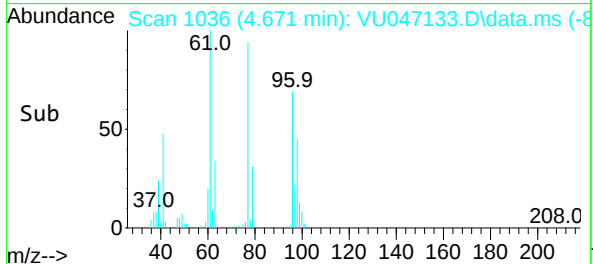
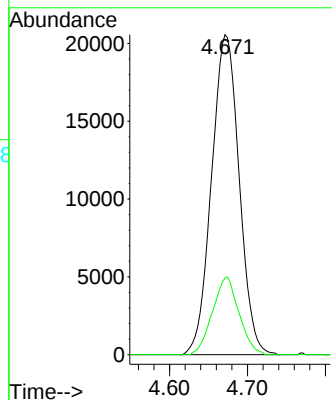
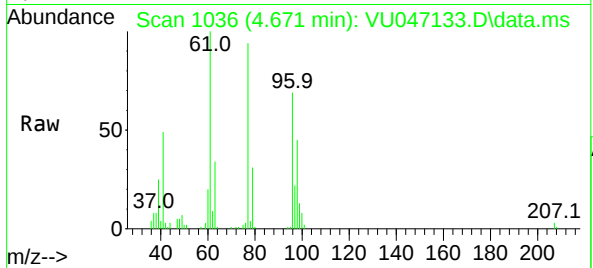
#21
2,2-Dichloropropane
Concen: 1.874 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01

Tgt Ion: 77 Resp: 50620
Ion Ratio Lower Upper
77 100
97 23.3 17.2 25.8

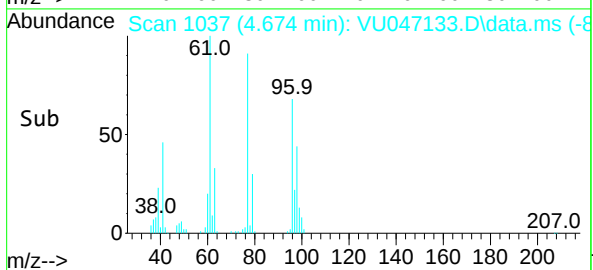
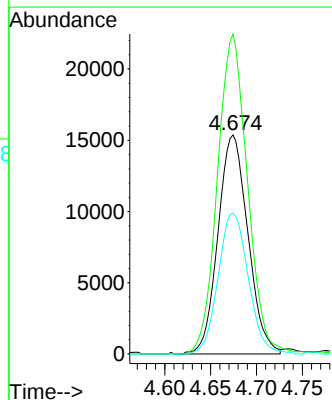
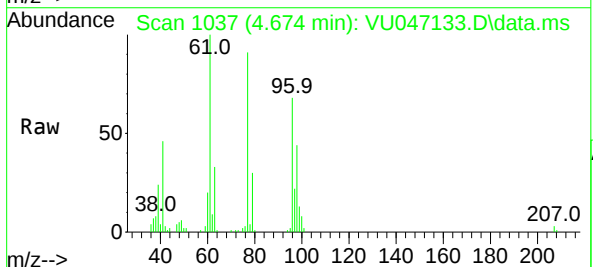
Manual Integrations
APPROVED

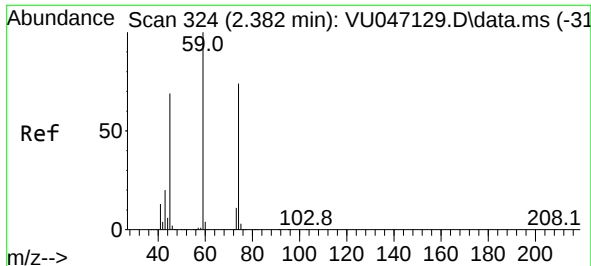
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#22
cis-1,2-Dichloroethene
Concen: 1.839 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

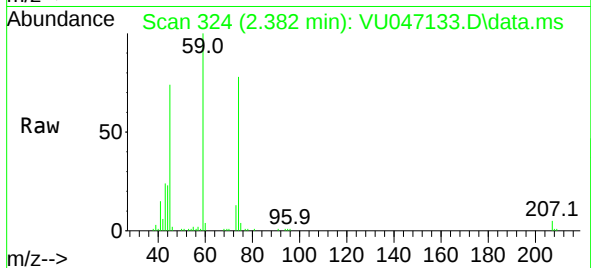
Tgt Ion: 96 Resp: 34904
Ion Ratio Lower Upper
96 100
61 146.7 0.0 385.3
98 64.8 32.1 96.3





#23
Diethyl Ether
Concen: 1.792 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

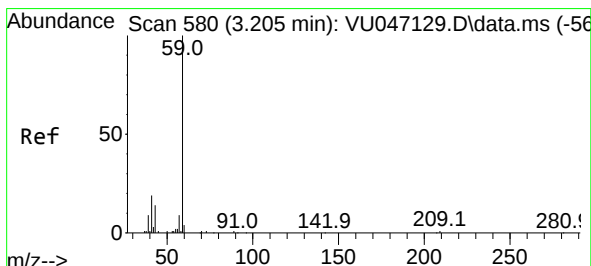
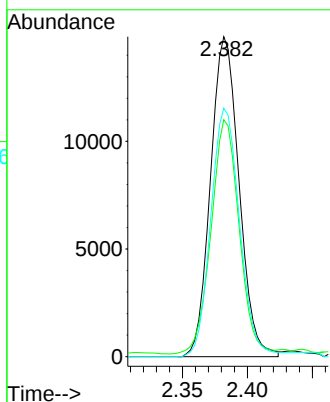
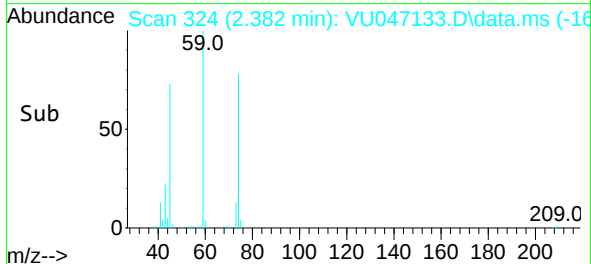
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



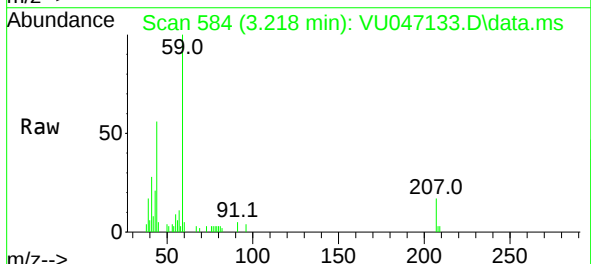
Tgt Ion: 59 Resp: 2264
Ion Ratio Lower Upper
59 100
45 71.8 55.6 83.4
74 78.6 58.1 87.1

Manual Integrations
APPROVED

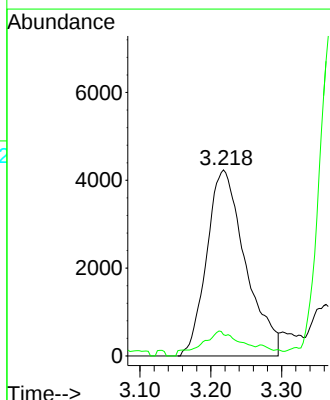
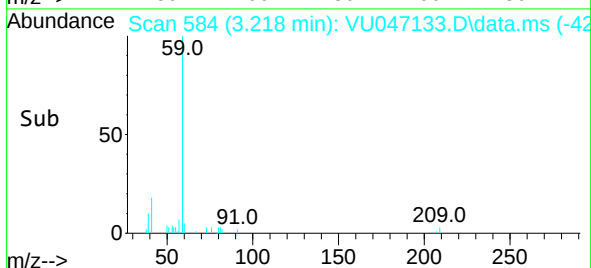
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

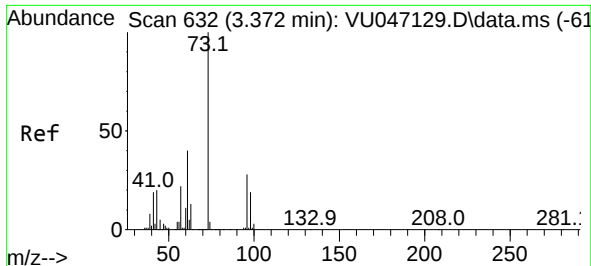


#24
tert-Butyl Alcohol
Concen: 19.581 ug/l
RT: 3.218 min Scan# 584
Delta R.T. 0.013 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



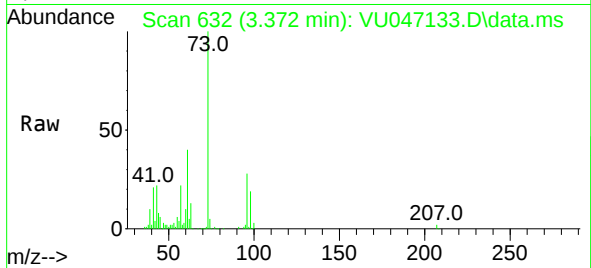
Tgt Ion: 59 Resp: 16090
Ion Ratio Lower Upper
59 100
57 13.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.858 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

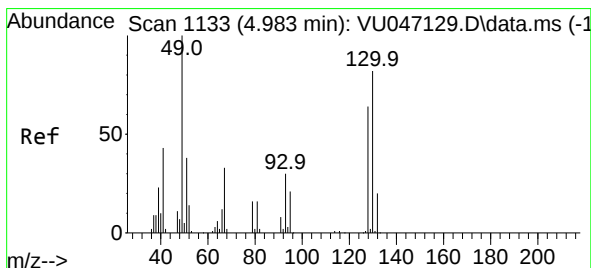
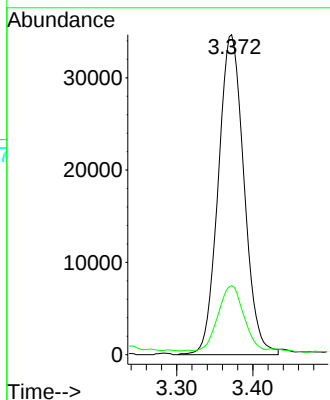
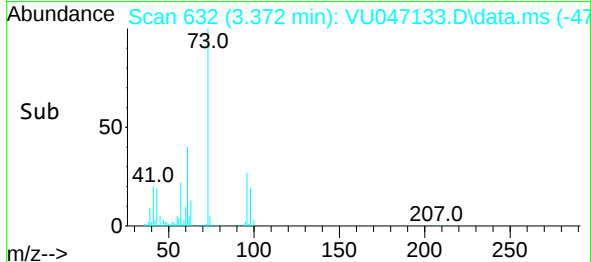
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



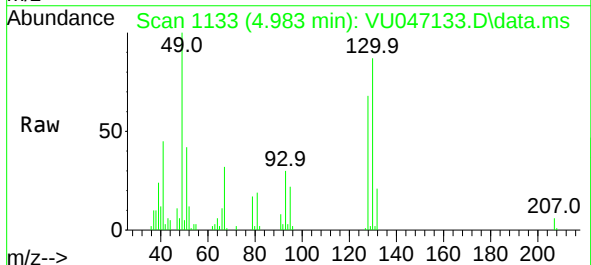
Tgt Ion: 73 Resp: 81474
Ion Ratio Lower Upper
73 100
43 19.9 16.3 24.5

Manual Integrations
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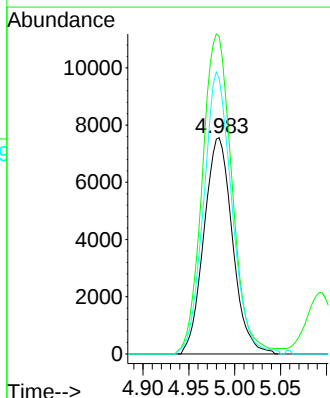
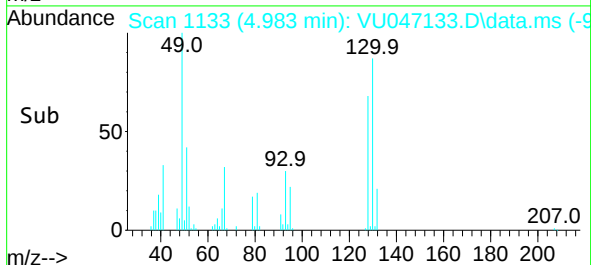
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

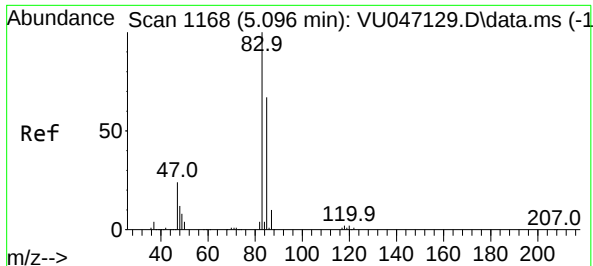


#26
Bromochloromethane
Concen: 1.917 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



Tgt Ion:128 Resp: 16362
Ion Ratio Lower Upper
128 100
49 153.8 0.0 347.4
130 129.1 101.5 152.3





#27

Chloroform

Concen: 1.898 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBS01

Tgt Ion: 83 Resp: 5823

Ion Ratio Lower Upper

83 100

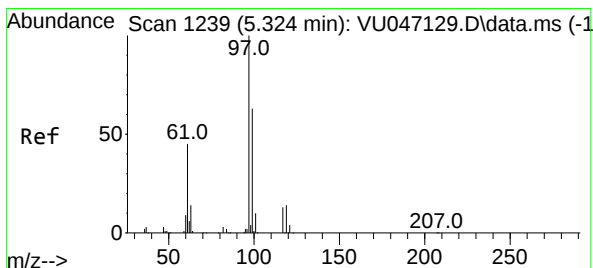
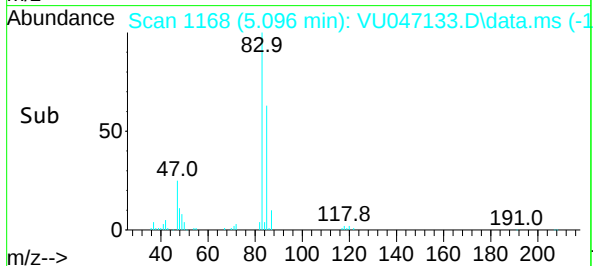
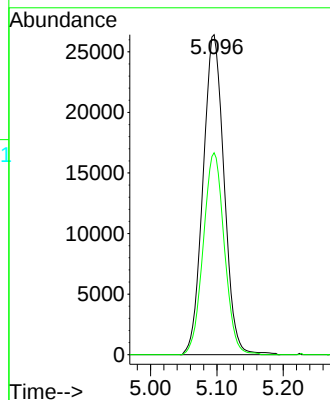
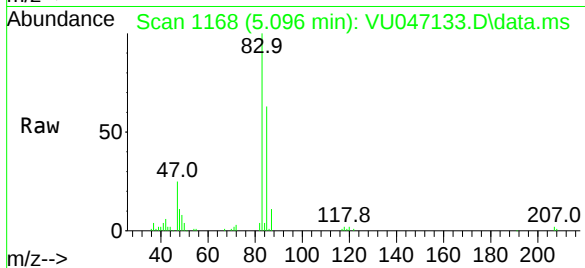
85 63.1 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#28

1,1,1-Trichloroethane

Concen: 1.871 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

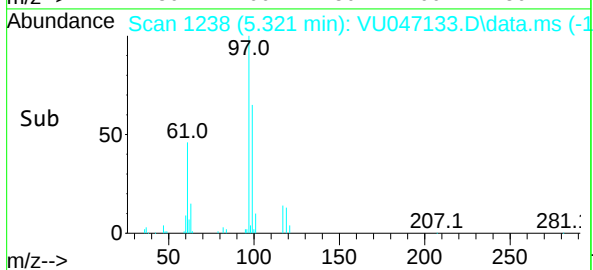
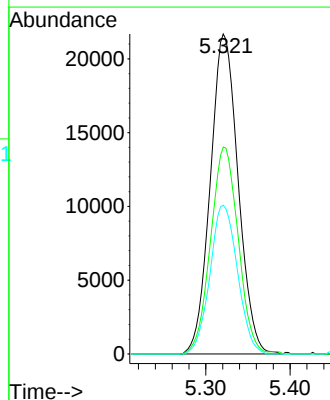
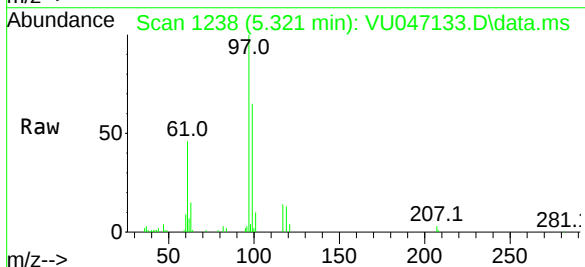
Tgt Ion: 97 Resp: 49678

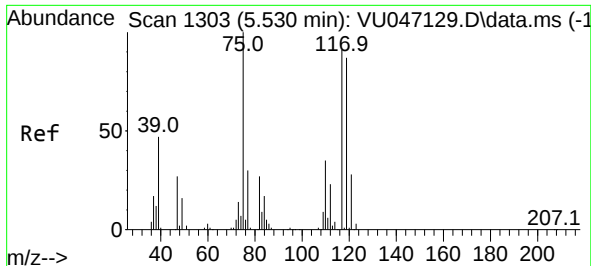
Ion Ratio Lower Upper

97 100

99 64.2 32.2 96.6

61 46.0 24.5 73.5





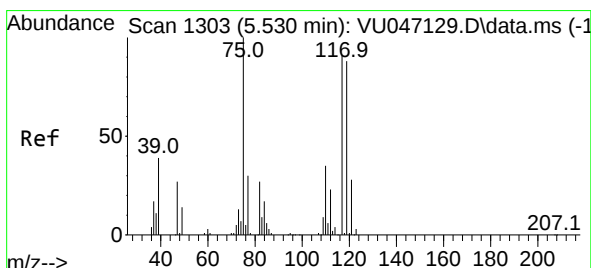
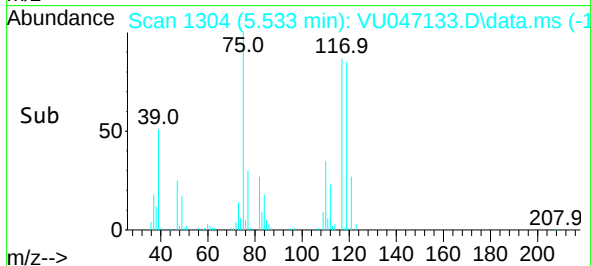
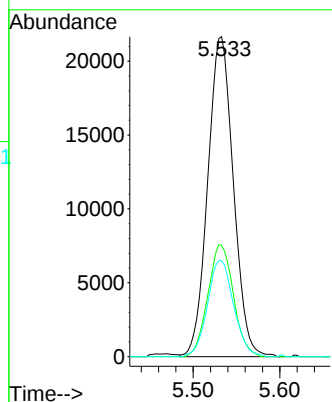
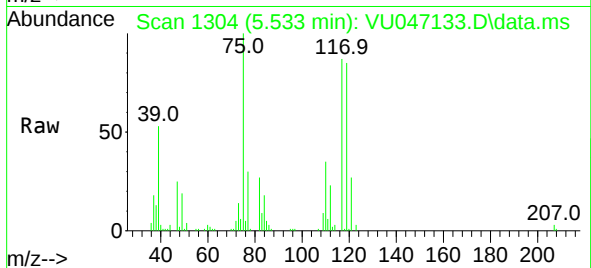
#29
1,1-Dichloropropene
Concen: 1.831 ug/l
RT: 5.533 min Scan# 110
Delta R.T. 0.003 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01

Tgt Ion: 75 Resp: 44518
Ion Ratio Lower Upper
75 100
110 34.8 16.8 50.3
77 30.7 24.7 37.1

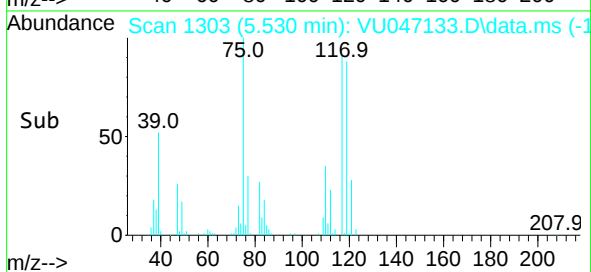
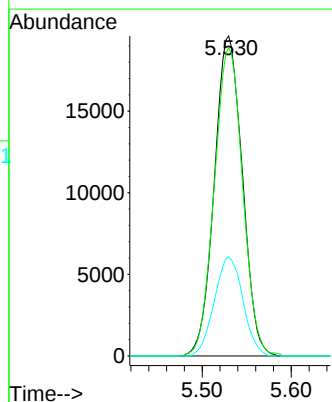
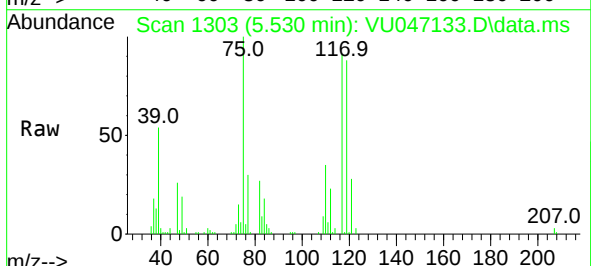
Manual Integrations
APPROVED

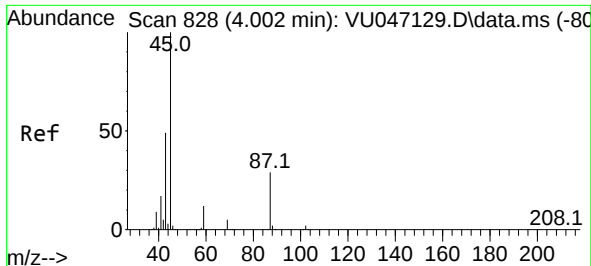
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#30
Carbon Tetrachloride
Concen: 1.831 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

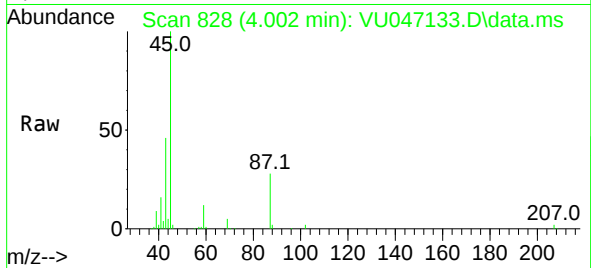
Tgt Ion:117 Resp: 42751
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2
121 31.0 24.6 37.0





#31
Isopropyl Ether
Concen: 1.875 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

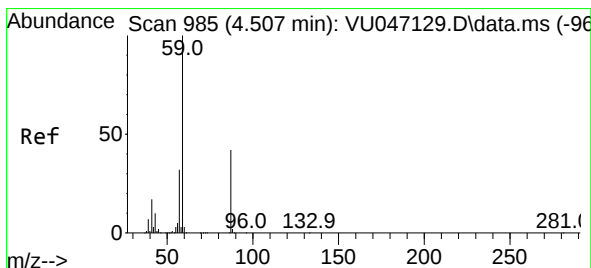
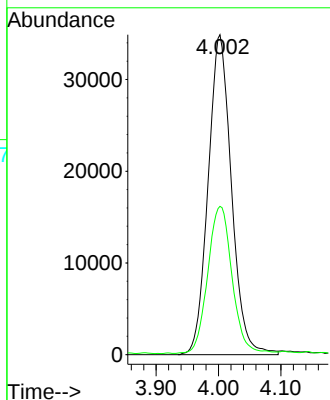
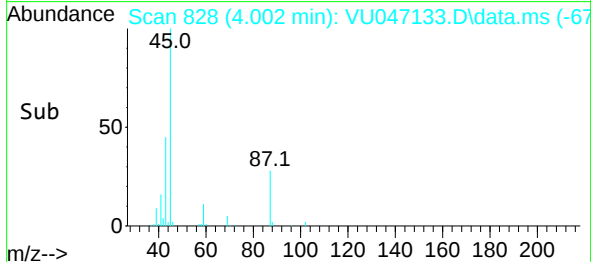
Instrument :
MSVOA_U
Client Sample Id :
VU0214WBS01



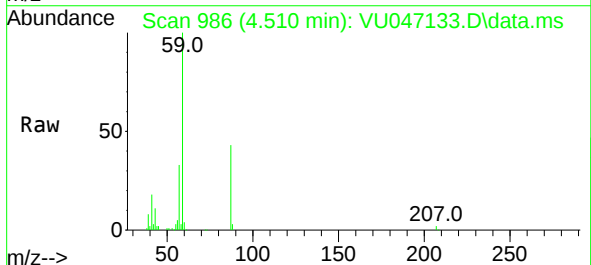
Tgt Ion: 45 Resp: 9066
Ion Ratio Lower Upper
45 100
43 47.8 25.3 75.8

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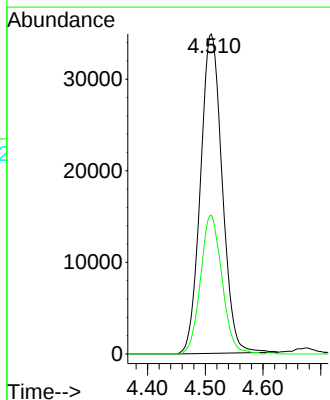
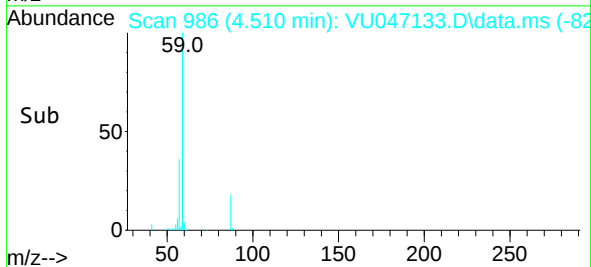
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

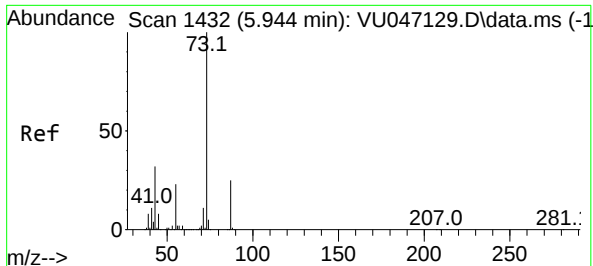


#32
Ethyl-t-butyl ether
Concen: 1.852 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



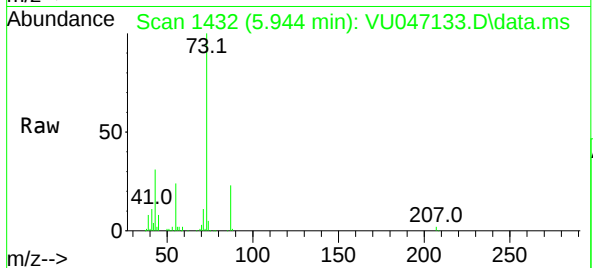
Tgt Ion: 59 Resp: 91026
Ion Ratio Lower Upper
59 100
87 43.0 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.844 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

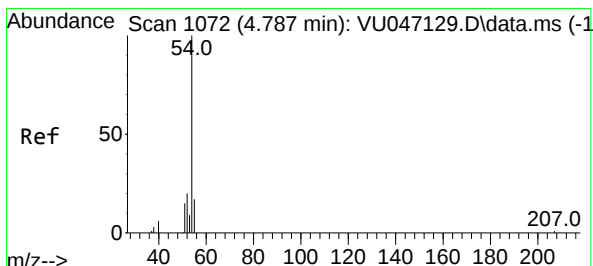
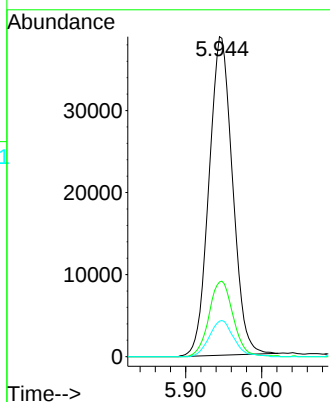
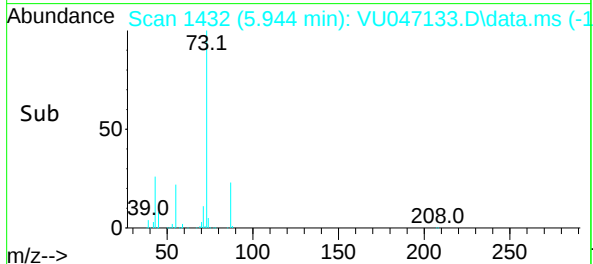
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



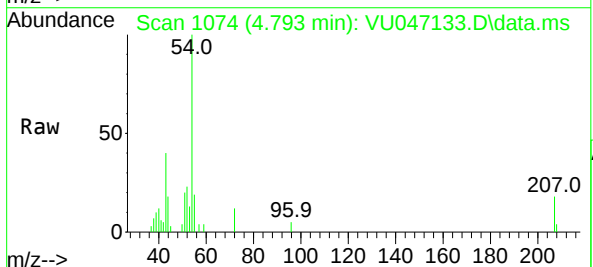
Tgt Ion: 73 Resp: 83460
Ion Ratio Lower Upper
73 100
87 24.4 18.6 28.0
71 11.9 9.0 13.6

Manual Integrations
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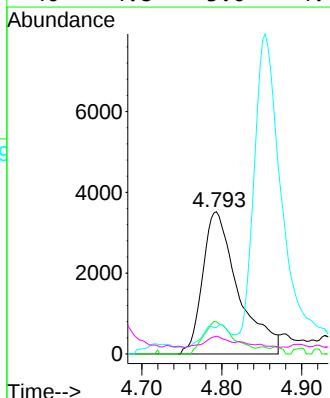
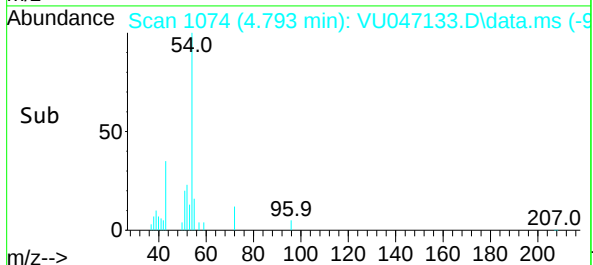
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

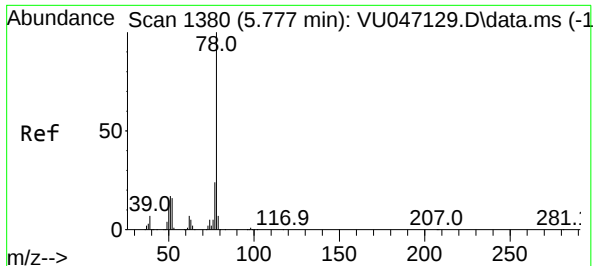


#34
Propionitrile
Concen: 9.560 ug/l
RT: 4.793 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



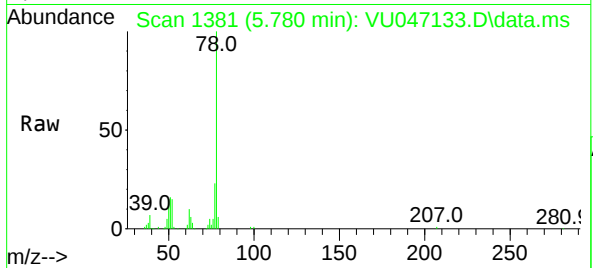
Tgt Ion: 54 Resp: 10892
Ion Ratio Lower Upper
54 100
52 19.1 11.9 17.9#
55 5.5 8.0 12.0#
40 4.8 3.0 4.4#





#35
Benzene
Concen: 1.908 ug/l
RT: 5.780 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

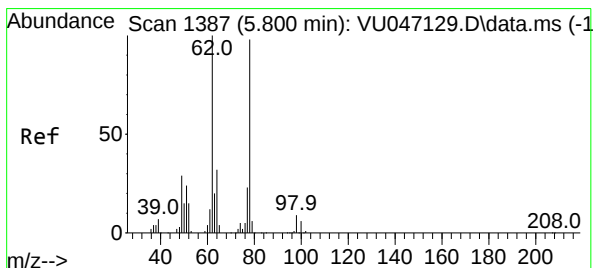
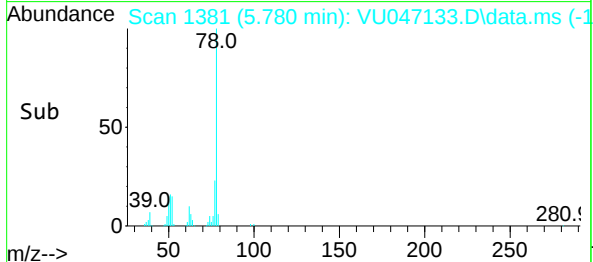
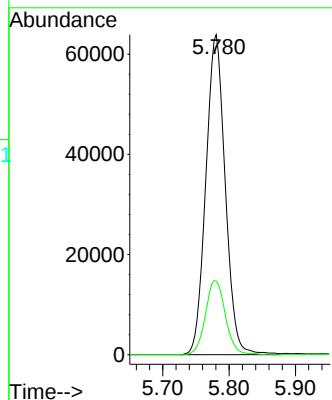
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



Tgt Ion: 78 Resp: 129974
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7

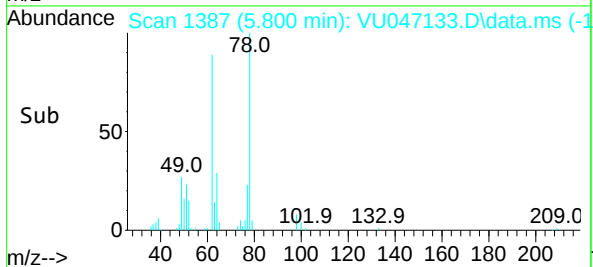
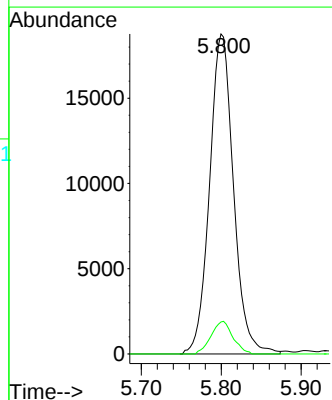
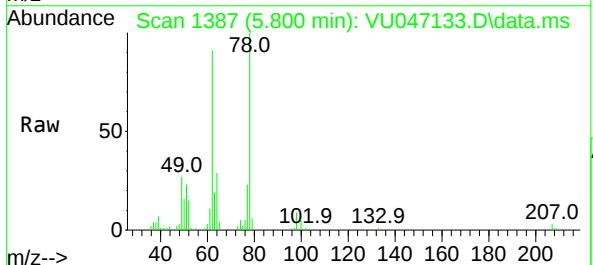
Manual Integrations
APPROVED

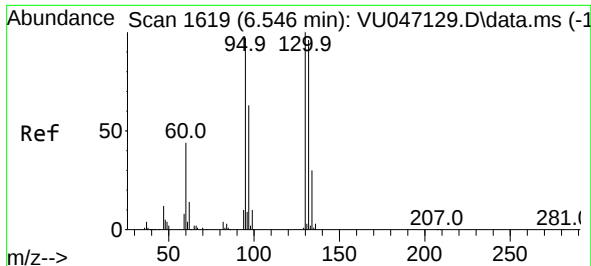
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#36
1,2-Dichloroethane
Concen: 1.892 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

Tgt Ion: 62 Resp: 39016
Ion Ratio Lower Upper
62 100
98 9.3 7.3 10.9





#37

Trichloroethene

Concen: 1.869 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBS01

Tgt Ion:130 Resp: 35259

Ion Ratio Lower Upper

130 100

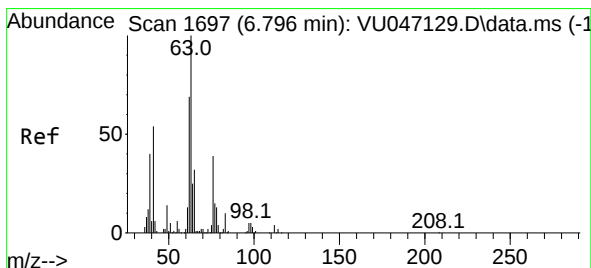
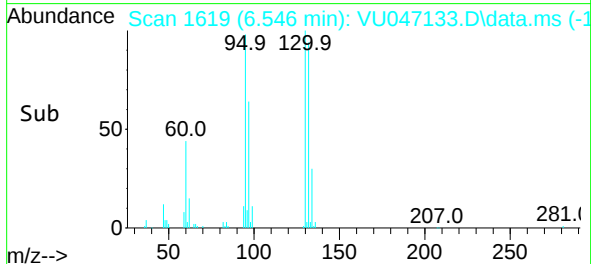
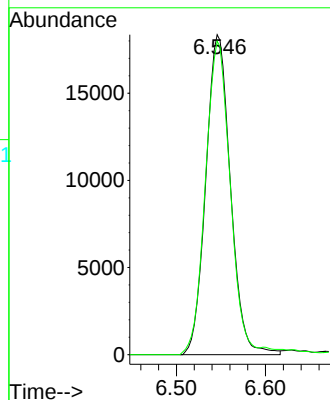
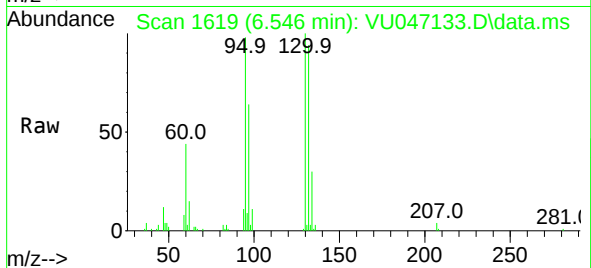
95 98.0 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#38

1,2-Dichloropropane

Concen: 1.871 ug/l

RT: 6.796 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VU047133.D

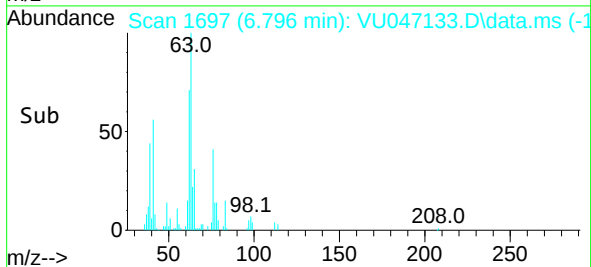
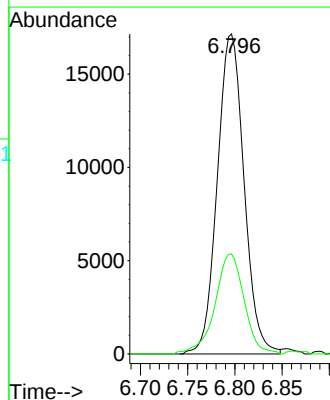
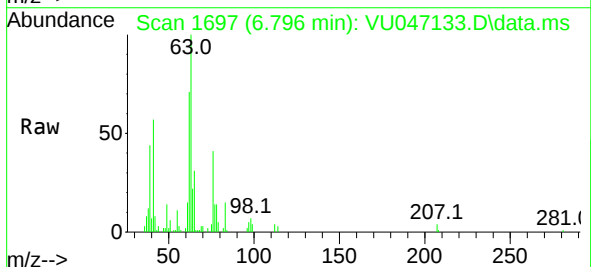
Acq: 14 Feb 2022 15:10

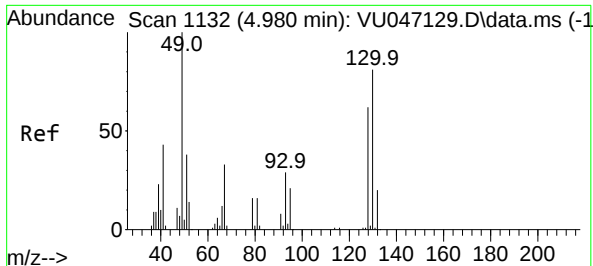
Tgt Ion: 63 Resp: 33726

Ion Ratio Lower Upper

63 100

65 31.3 24.7 37.1





#39

Methacrylonitrile

Concen: 1.817 ug/l

RT: 4.983 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBS01

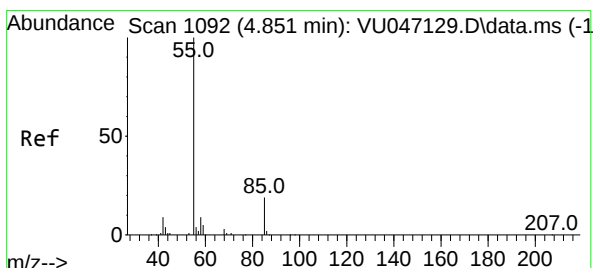
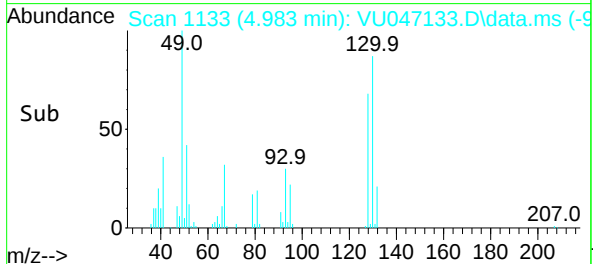
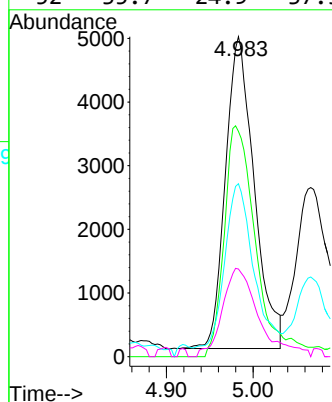
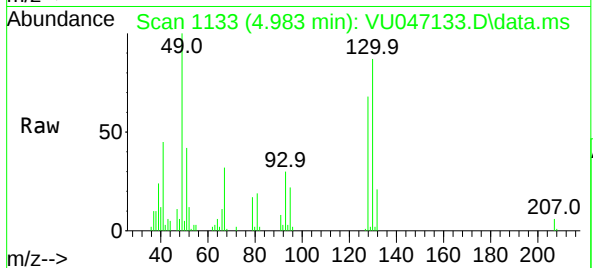
Tgt Ion:	41	Resp:	1128
Ion	Ratio	Lower	Upper
41	100		
67	78.0	65.2	97.8
39	54.9	43.0	64.6
52	35.7	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#40

Methyl acrylate

Concen: 1.659 ug/l

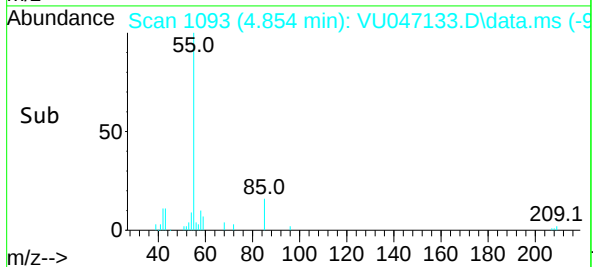
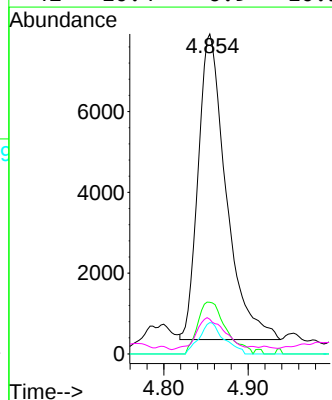
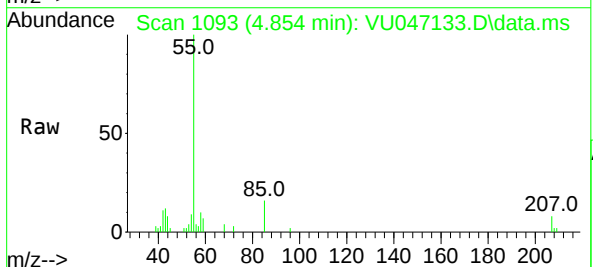
RT: 4.854 min Scan# 1093

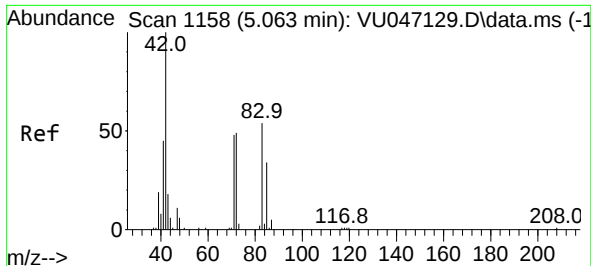
Delta R.T. 0.003 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Tgt Ion:	55	Resp:	17423
Ion	Ratio	Lower	Upper
55	100		
85	17.1	12.2	18.2
58	9.0	6.7	10.1
42	10.4	6.9	10.3





#41

Tetrahydrofuran

Concen: 3.291 ug/l

RT: 5.070 min Scan# 1158

Delta R.T. 0.006 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBS01

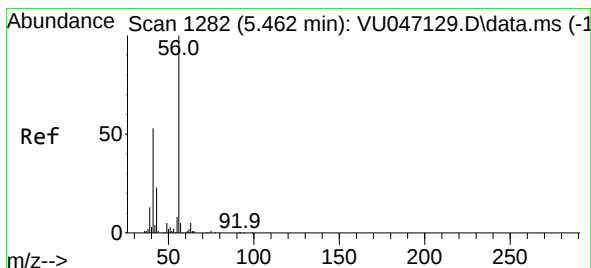
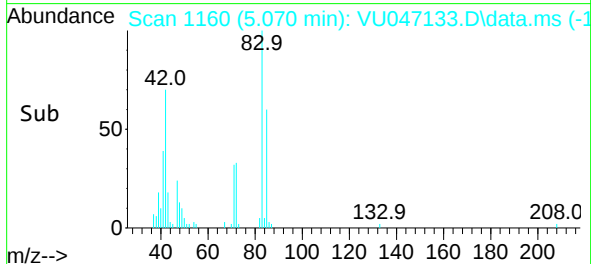
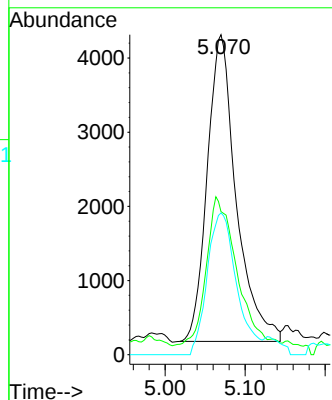
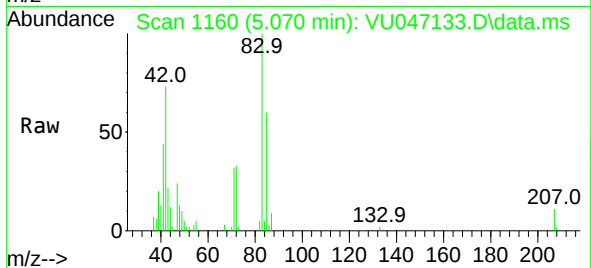
Tgt Ion:	42	Resp:	1041
Ion Ratio	Lower	Upper	
42	100		
72	49.6	42.4	63.6
71	46.7	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#42

1-Chlorobutane

Concen: 1.851 ug/l

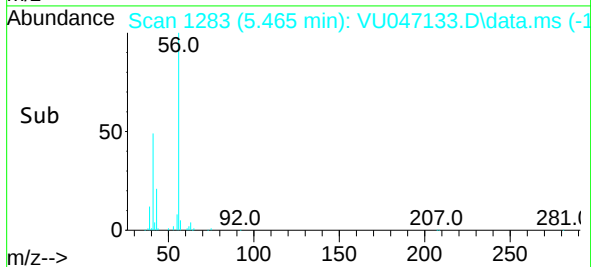
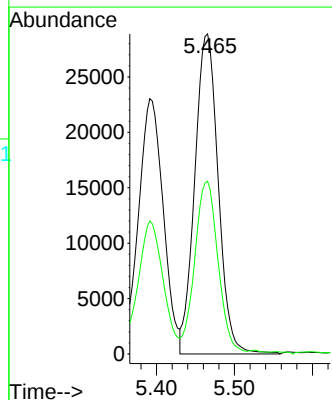
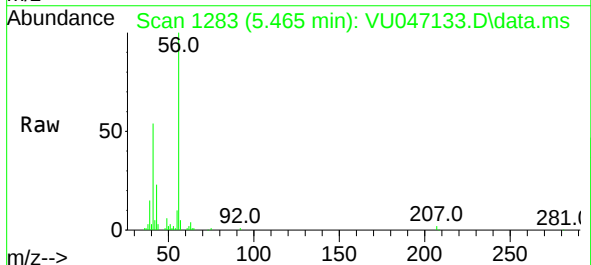
RT: 5.465 min Scan# 1283

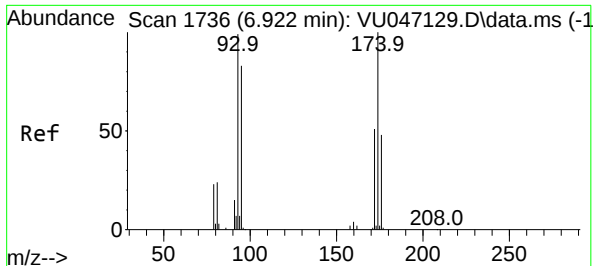
Delta R.T. 0.003 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

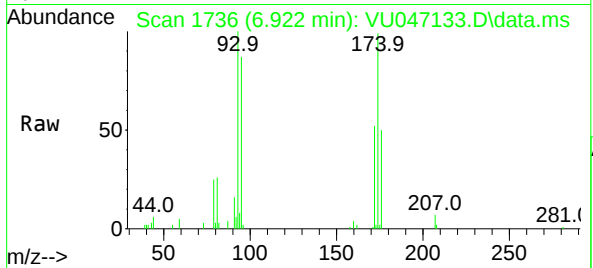
Tgt Ion:	56	Resp:	60408
Ion Ratio	Lower	Upper	
56	100		
41	51.8	26.0	78.0





#43
Dibromomethane
Concen: 1.880 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

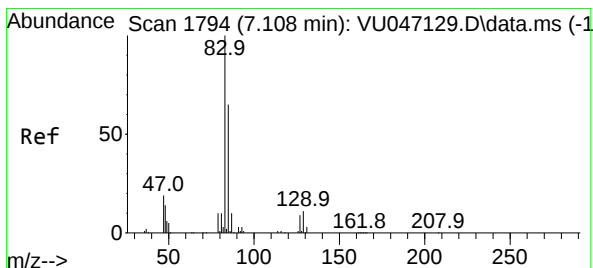
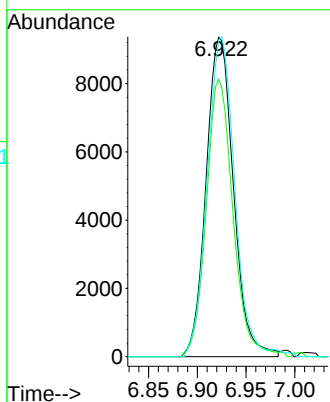
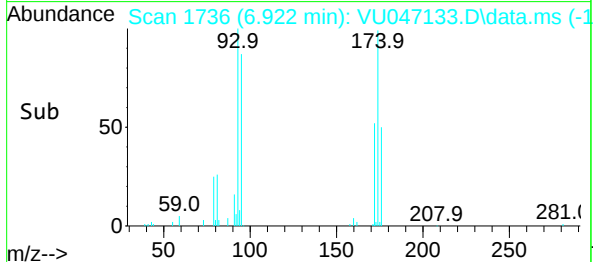
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



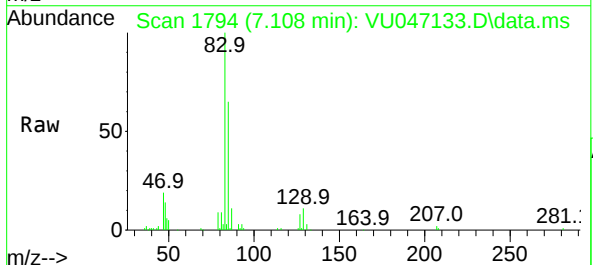
Tgt Ion: 93 Resp: 18280
Ion Ratio Lower Upper
93 100
95 85.0 66.2 99.2
174 99.9 70.7 106.1

Manual Integrations
APPROVED

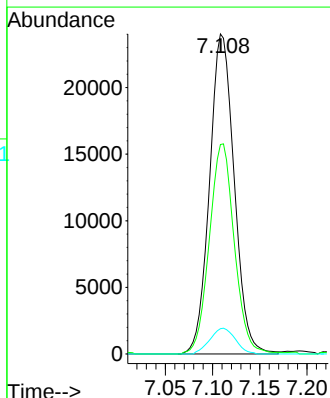
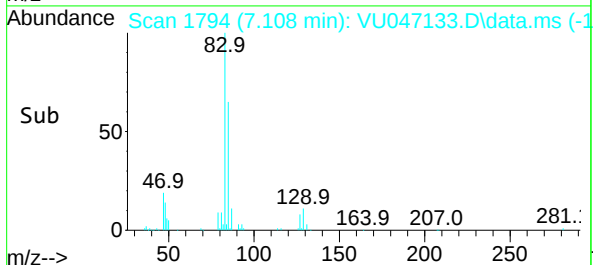
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

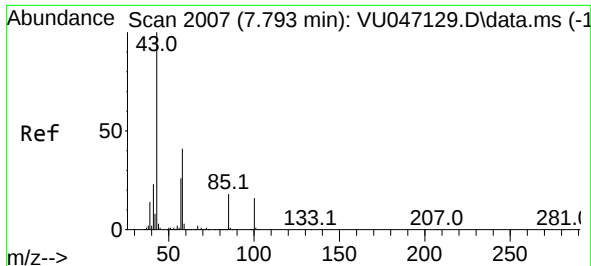


#44
Bromodichloromethane
Concen: 1.897 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



Tgt Ion: 83 Resp: 43620
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3
127 7.9 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 9.231 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBS01

Tgt Ion: 43 Resp: 121378

Ion Ratio Lower Upper

43 100

58 40.6 21.0 63.0

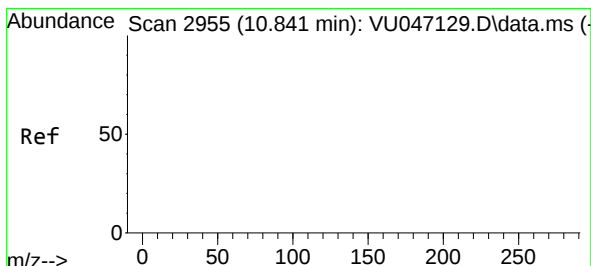
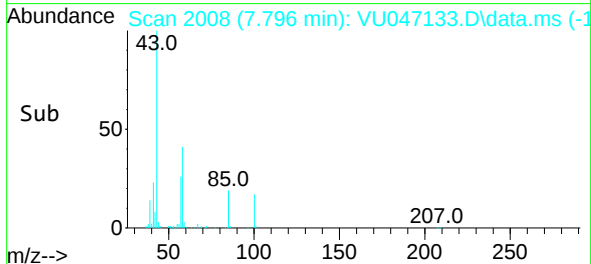
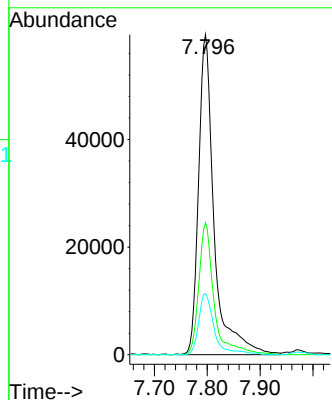
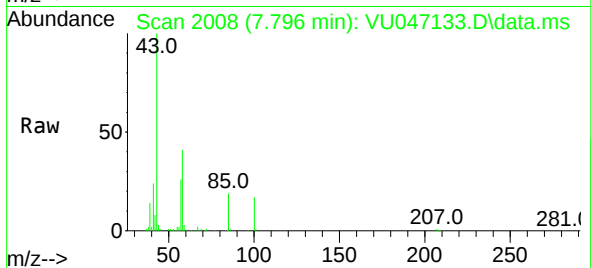
85 19.2 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#46

t-1,4-Dichloro-2-butene

Concen: 3.347 ug/l m

RT: 10.838 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Tgt Ion: 75 Resp: 19161

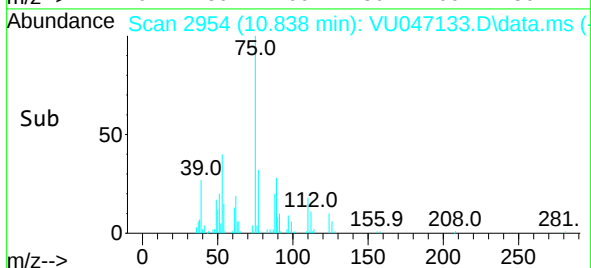
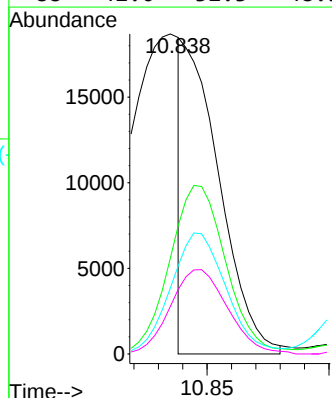
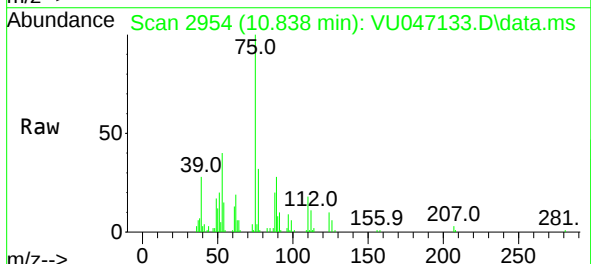
Ion Ratio Lower Upper

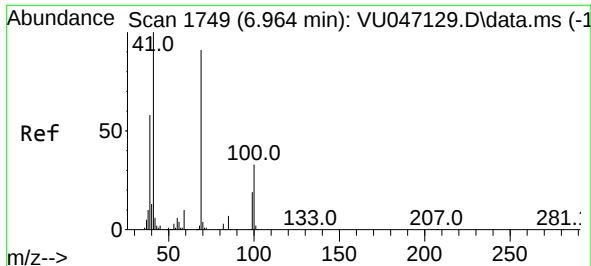
75 100

53 83.0 66.8 100.2

89 58.5 41.7 62.5

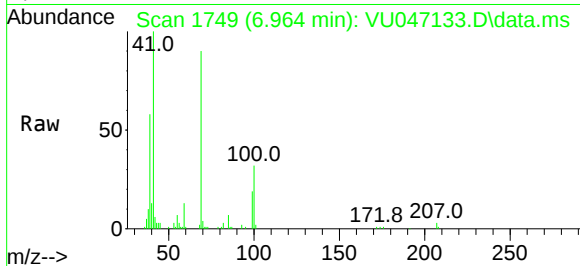
88 42.0 32.3 48.5





#47
Methyl methacrylate
Concen: 3.655 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

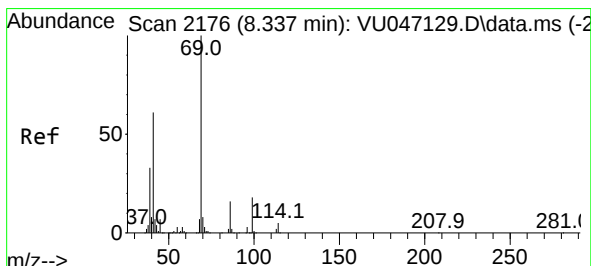
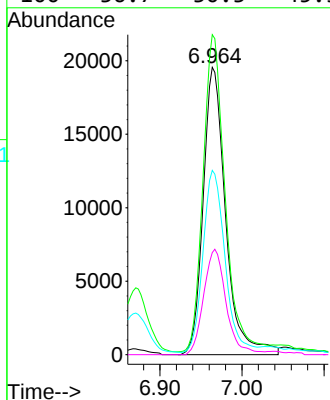
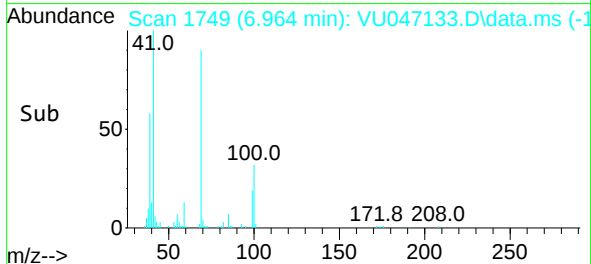
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



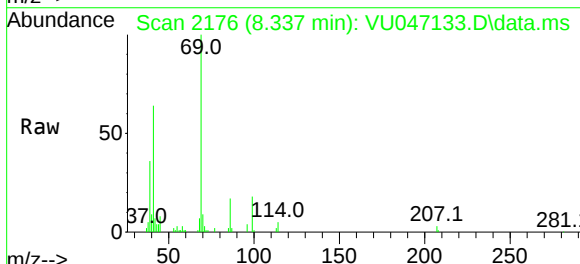
Tgt Ion: 69 Resp: 3727
Ion Ratio Lower Upper
69 100
41 107.4 0.0 230.0
39 61.7 55.1 82.7
100 36.7 30.3 45.5

Manual Integrations
APPROVED

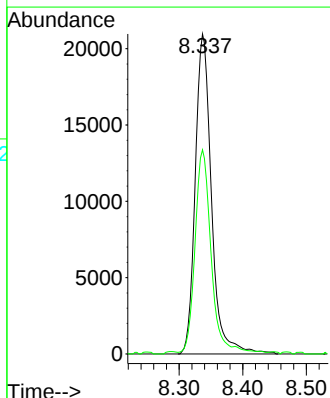
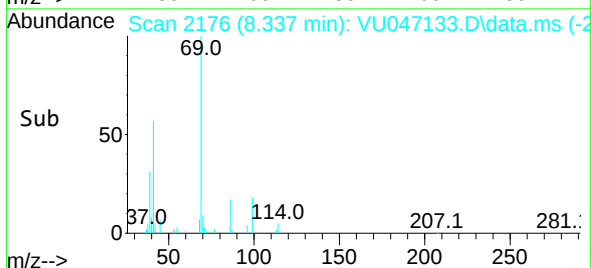
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

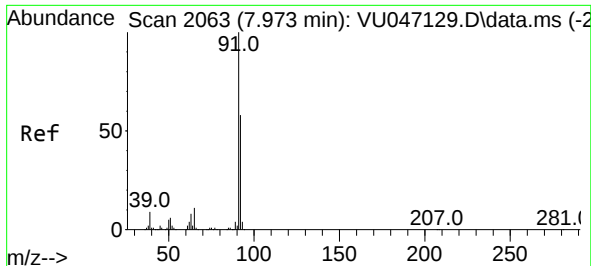


#48
Ethyl methacrylate
Concen: 1.798 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



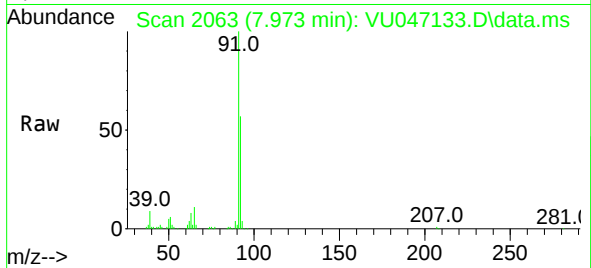
Tgt Ion: 69 Resp: 37156
Ion Ratio Lower Upper
69 100
41 61.8 32.6 98.0





#49
Toluene
Concen: 1.870 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

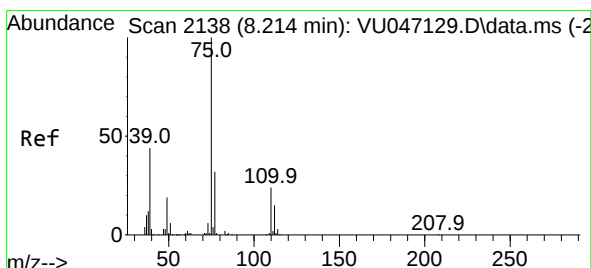
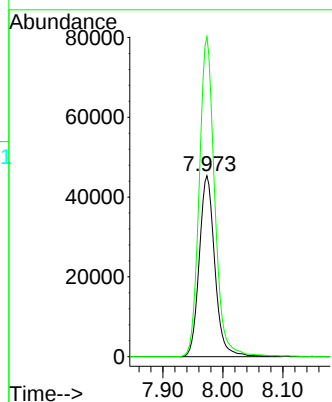
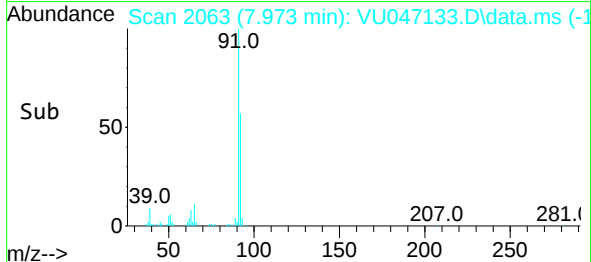
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



Tgt Ion: 92 Resp: 8218
Ion Ratio Lower Upper
92 100
91 175.0 136.8 205.2

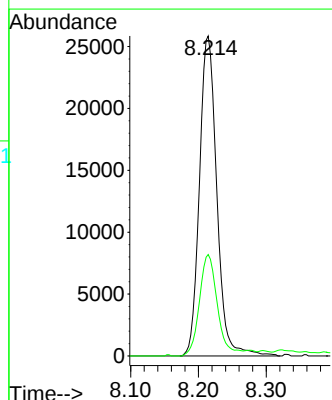
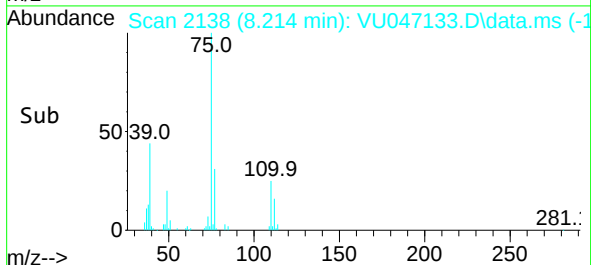
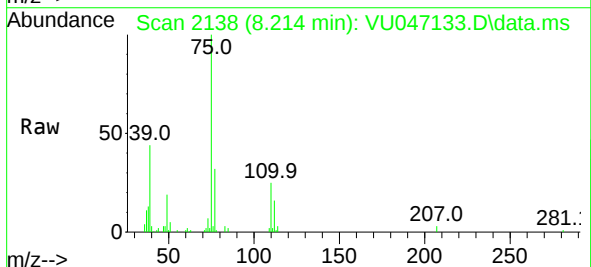
Manual Integrations
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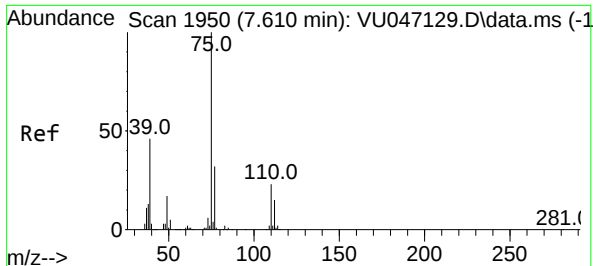
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#50
t-1,3-Dichloropropene
Concen: 1.849 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

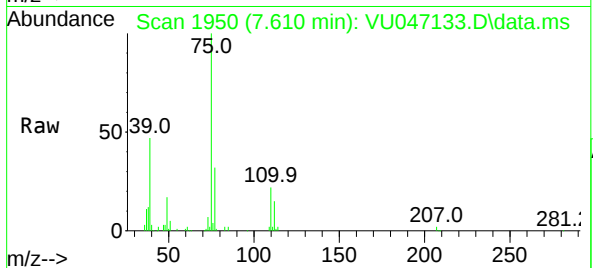
Tgt Ion: 75 Resp: 46009
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 1.864 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

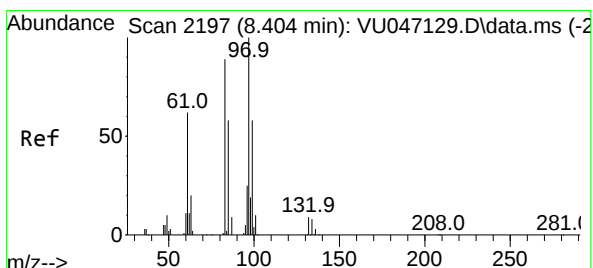
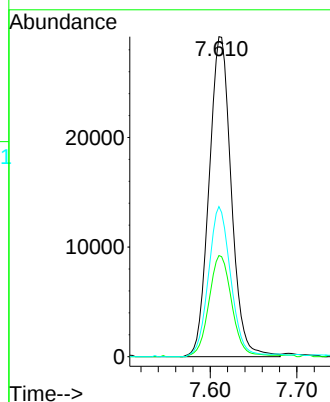
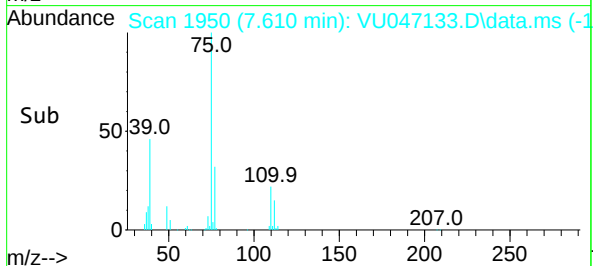
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



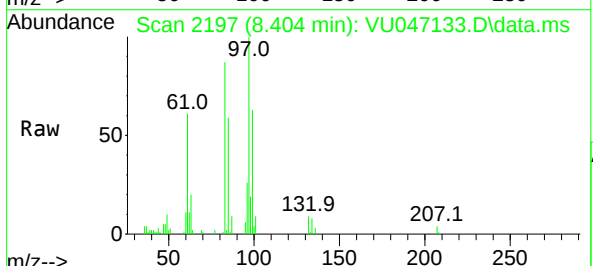
Tgt Ion: 75 Resp: 5201
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 46.9 38.6 57.8

Manual Integrations
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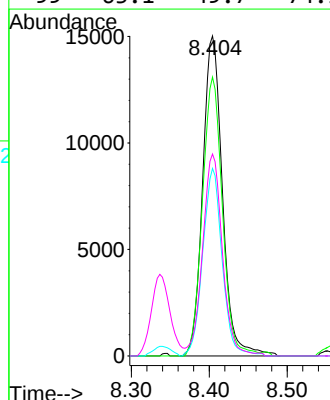
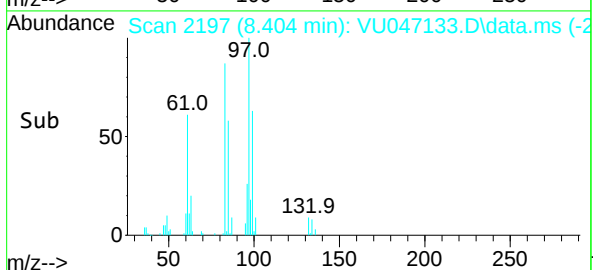
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

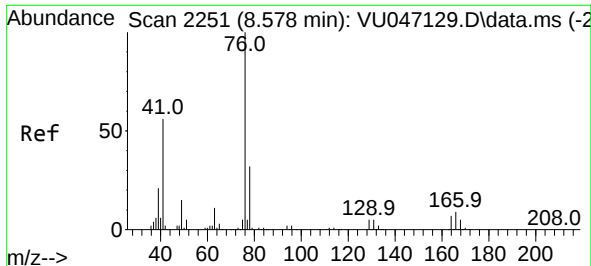


#52
1,1,2-Trichloroethane
Concen: 1.909 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



Tgt Ion: 97 Resp: 26481
Ion Ratio Lower Upper
97 100
83 87.1 69.8 104.8
85 58.6 44.2 66.4
99 63.1 49.7 74.5





#53

1,3-Dichloropropane

Concen: 1.845 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBS01

Tgt Ion: 76 Resp: 45710

Ion Ratio Lower Upper

76 100

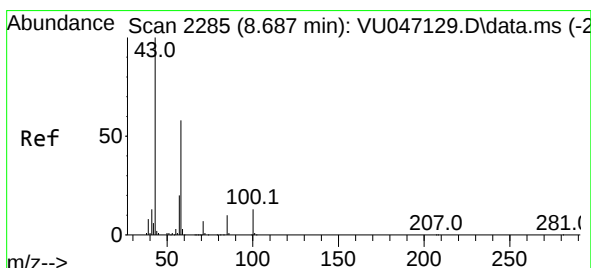
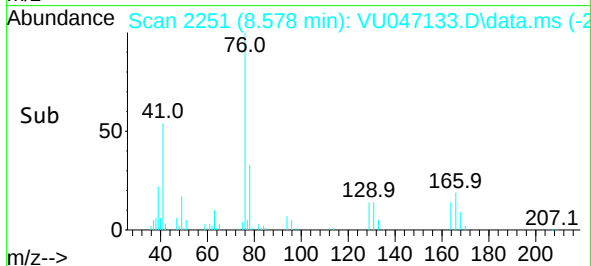
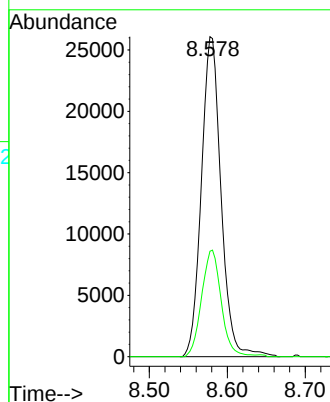
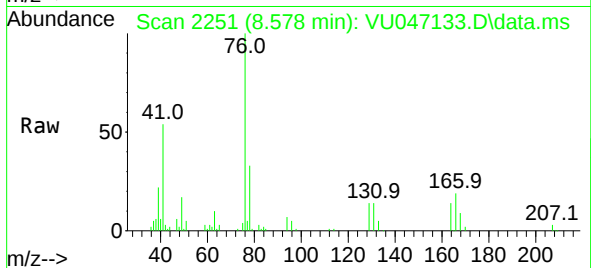
78 33.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#54

2-Hexanone

Concen: 8.759 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

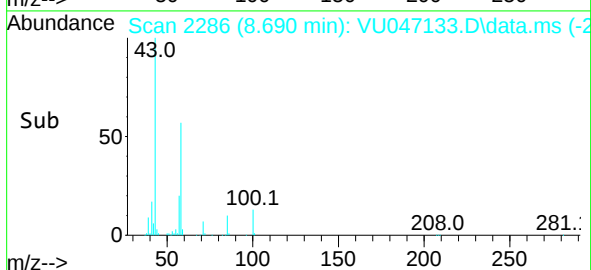
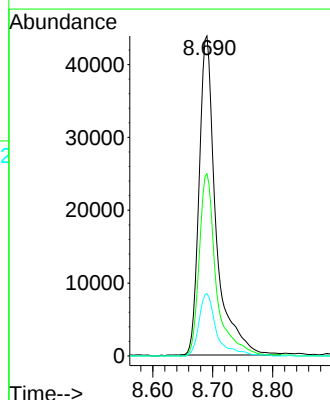
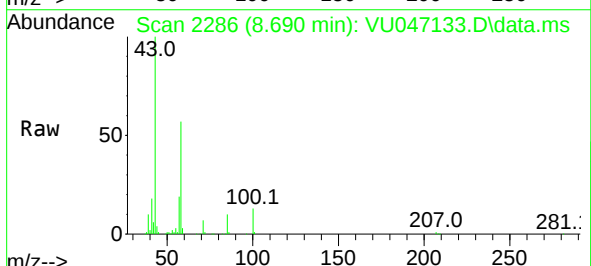
Tgt Ion: 43 Resp: 85802

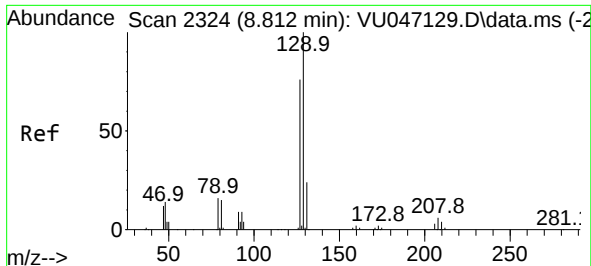
Ion Ratio Lower Upper

43 100

58 57.8 37.7 77.7

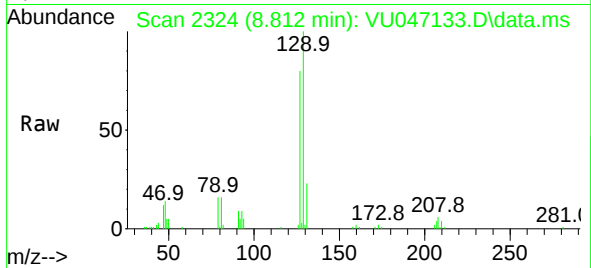
57 20.4 0.5 40.5





#55
 Dibromochloromethane
 Concen: 1.861 ug/l
 RT: 8.812 min Scan# 2138
 Delta R.T. 0.000 min
 Lab File: VU047133.D
 Acq: 14 Feb 2022 15:10

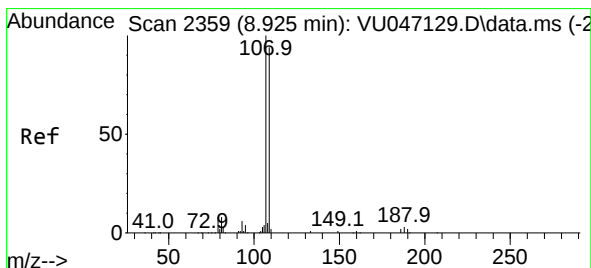
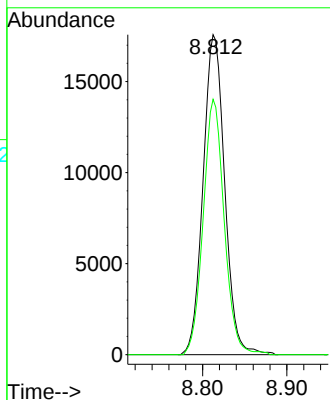
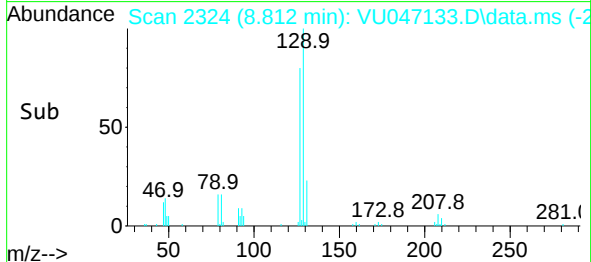
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0214WBS01



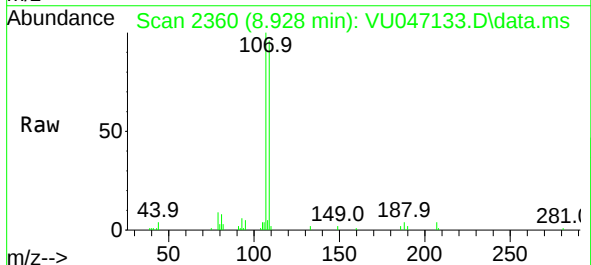
Tgt Ion:129 Resp: 3138
 Ion Ratio Lower Upper
 129 100
 127 77.6 62.2 93.4

Manual Integrations
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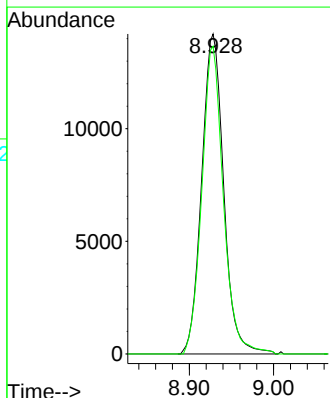
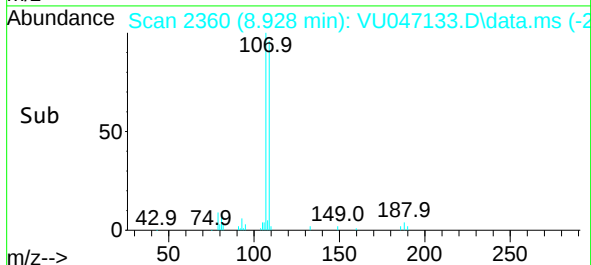
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022

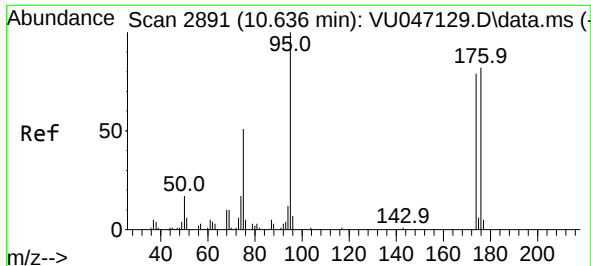


#56
 1,2-Dibromoethane
 Concen: 1.843 ug/l
 RT: 8.928 min Scan# 2360
 Delta R.T. 0.003 min
 Lab File: VU047133.D
 Acq: 14 Feb 2022 15:10



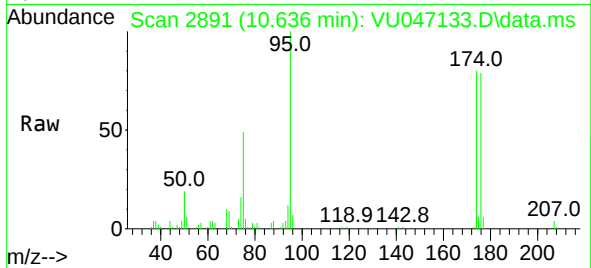
Tgt Ion:107 Resp: 25832
 Ion Ratio Lower Upper
 107 100
 109 94.2 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.986 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

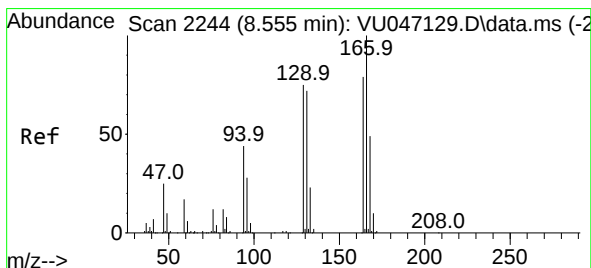
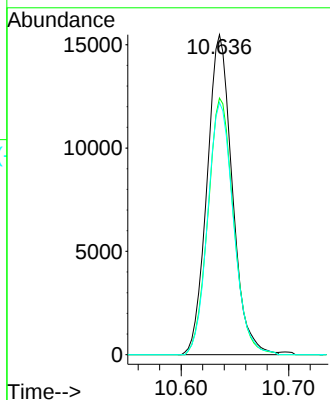
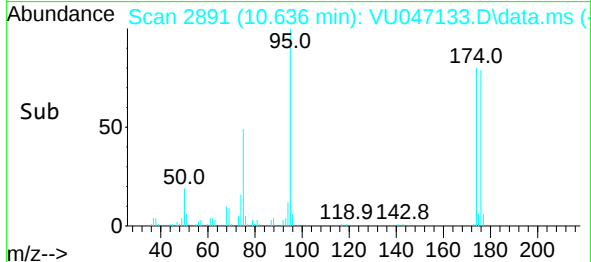
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



Tgt Ion: 95 Resp: 25250
Ion Ratio Lower Upper
95 100
174 81.6 56.6 84.8
176 80.6 54.3 81.5

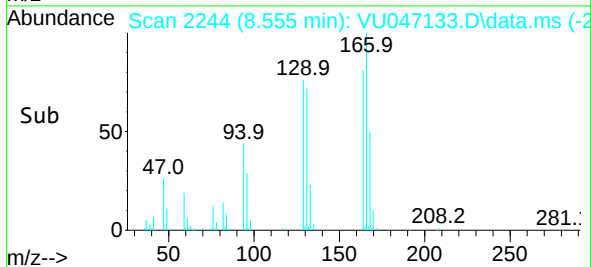
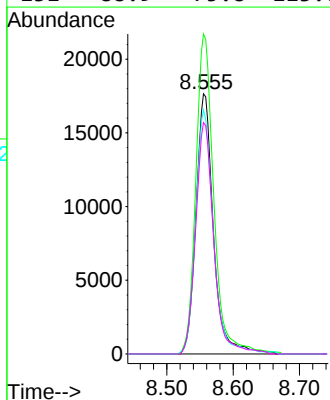
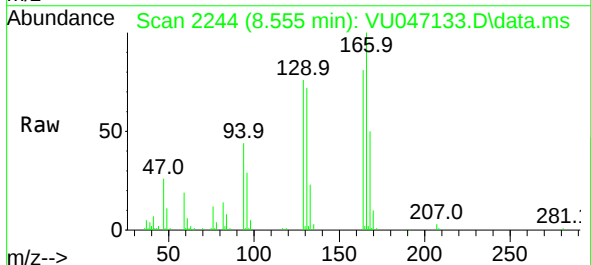
Manual Integrations
APPROVED

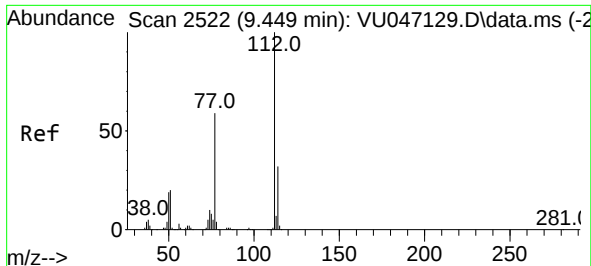
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#58
Tetrachloroethene
Concen: 1.859 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

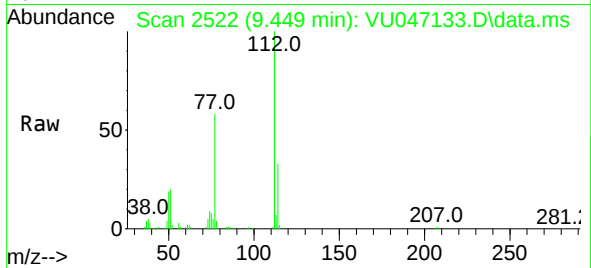
Tgt Ion:164 Resp: 32353
Ion Ratio Lower Upper
164 100
166 123.0 102.0 153.0
129 93.7 77.1 115.7
131 88.9 75.8 113.6





#59
Chlorobenzene
Concen: 1.848 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

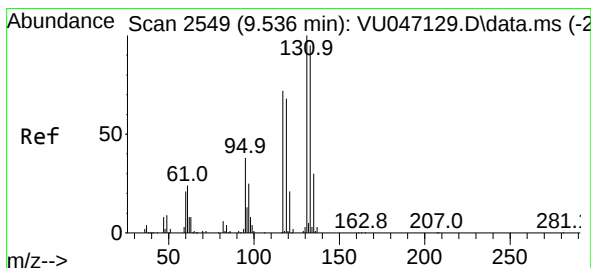
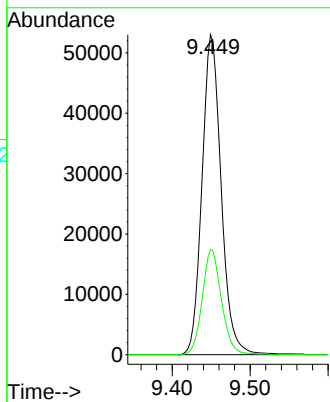
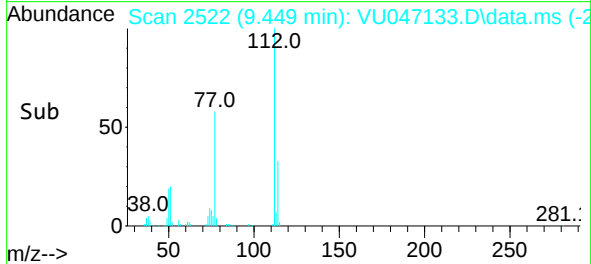
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



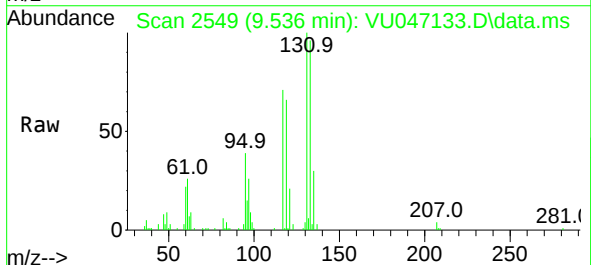
Tgt Ion:112 Resp: 90534
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0

Manual Integrations
APPROVED

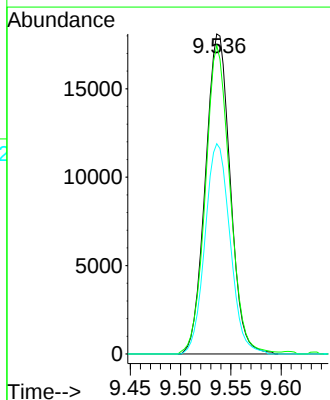
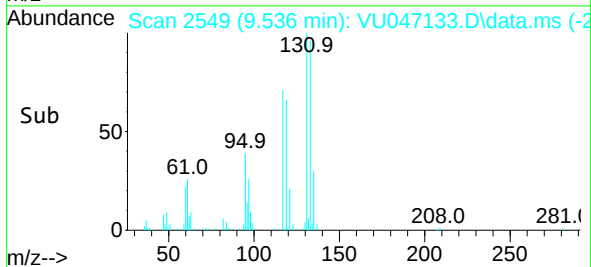
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

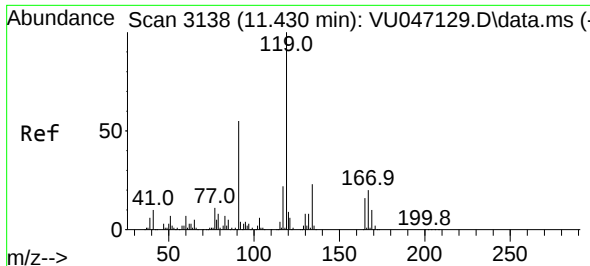


#60
1,1,1,2-Tetrachloroethane
Concen: 1.846 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



Tgt Ion:131 Resp: 31085
Ion Ratio Lower Upper
131 100
133 95.5 76.0 114.0
119 66.5 54.9 82.3





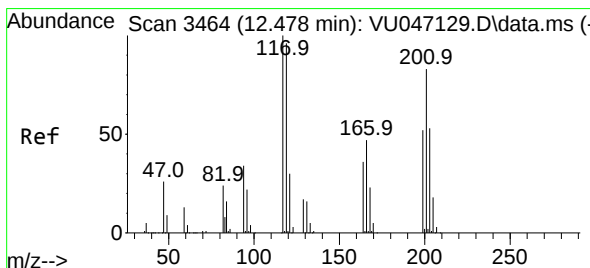
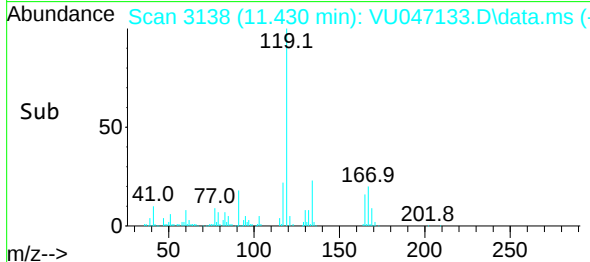
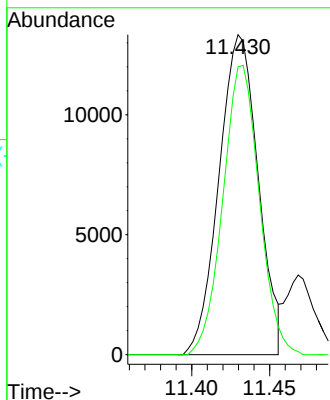
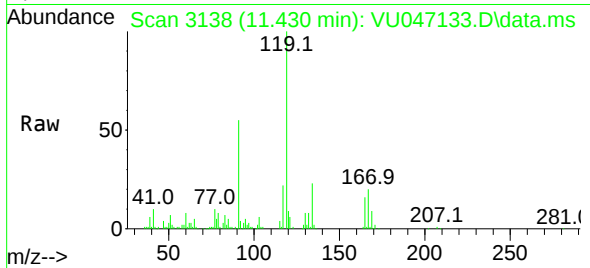
#61
Pentachloroethane
Concen: 1.824 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01

Tgt Ion:117 Resp: 2331
Ion Ratio Lower Upper
117 100
167 83.9 59.7 89.5

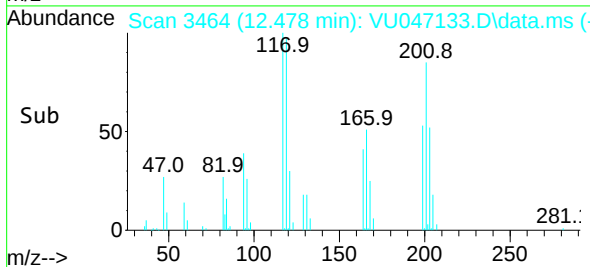
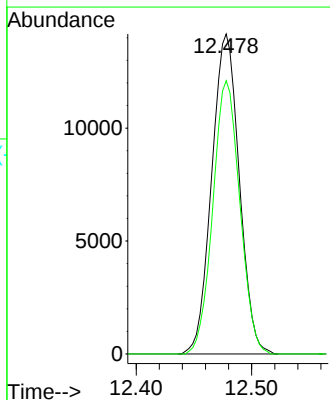
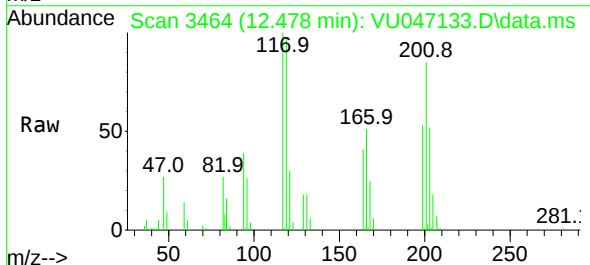
Manual Integrations
APPROVED

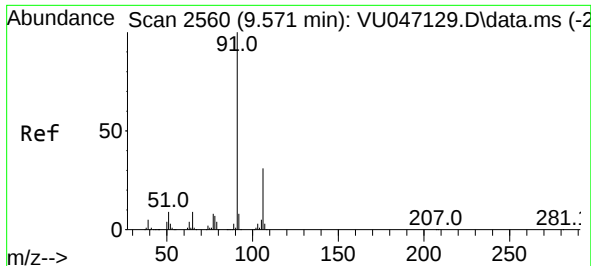
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#62
Hexachloroethane
Concen: 1.701 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

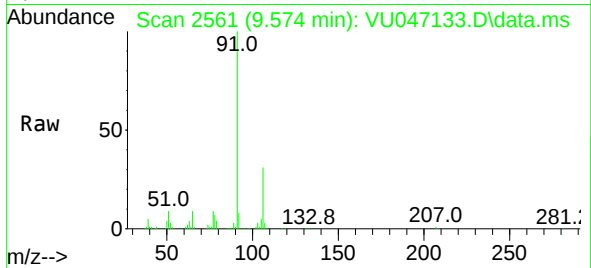
Tgt Ion:117 Resp: 23471
Ion Ratio Lower Upper
117 100
201 83.6 53.6 80.4#





#63
Ethyl Benzene
Concen: 1.854 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

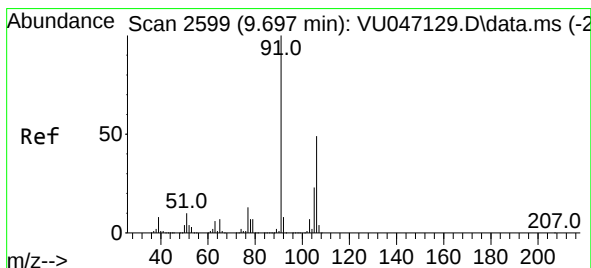
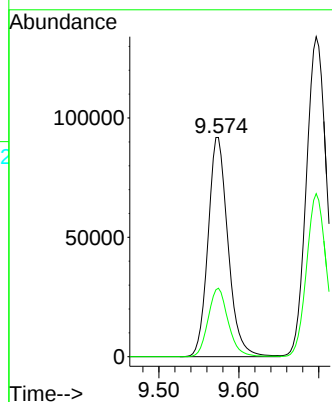
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



Tgt Ion: 91 Resp: 159729
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6

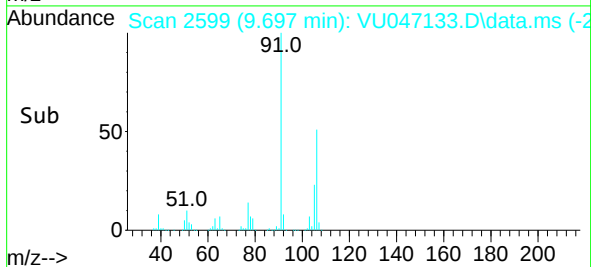
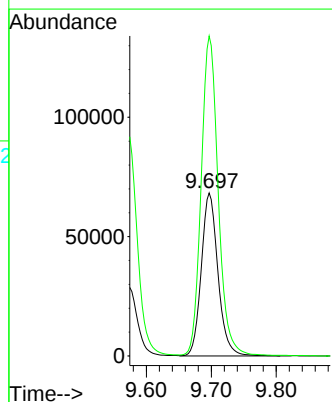
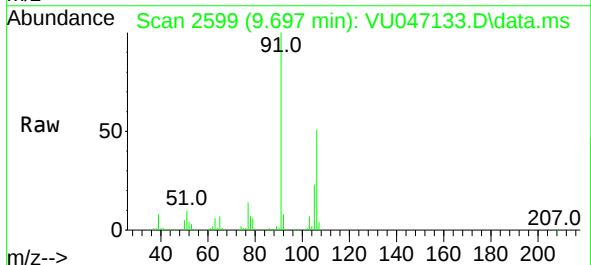
Manual Integrations
APPROVED

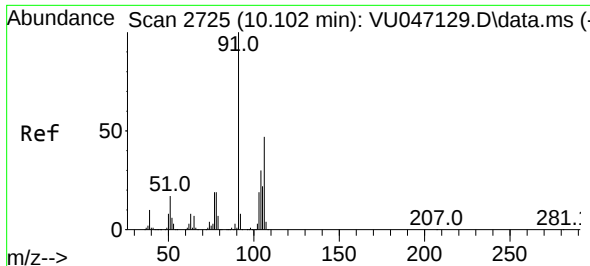
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#64
m/p-Xylenes
Concen: 3.714 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

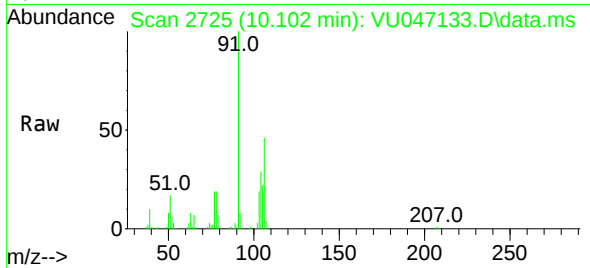
Tgt Ion:106 Resp: 121938
Ion Ratio Lower Upper
106 100
91 200.7 165.5 248.3





#65
o-Xylene
Concen: 1.859 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

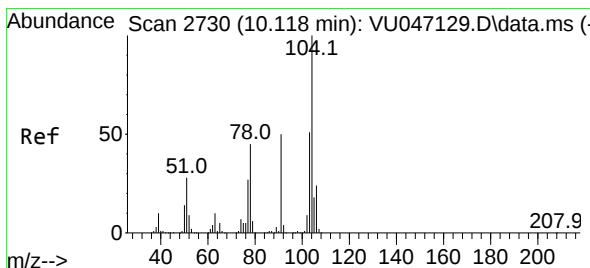
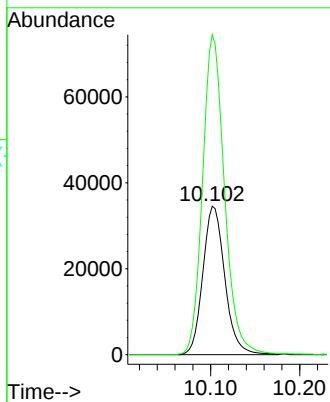
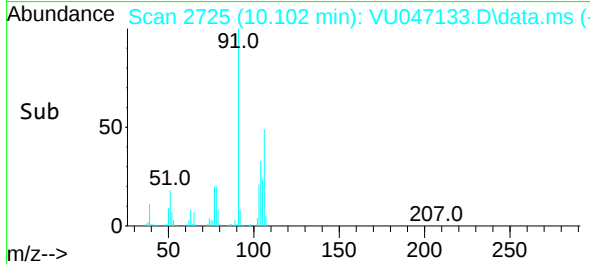
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



Tgt Ion:106 Resp: 59130
Ion Ratio Lower Upper
106 100
91 215.5 109.4 328.2

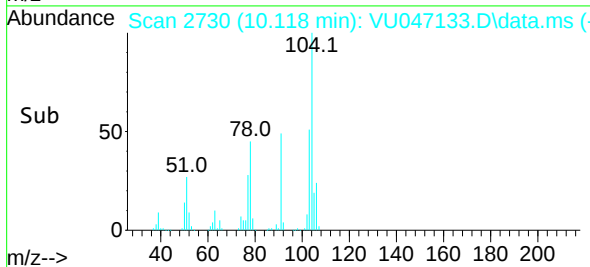
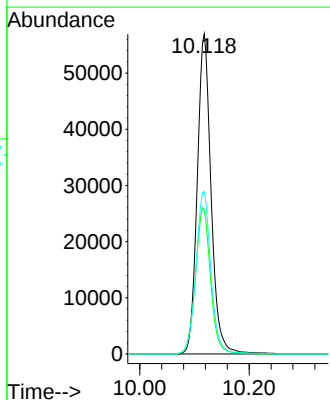
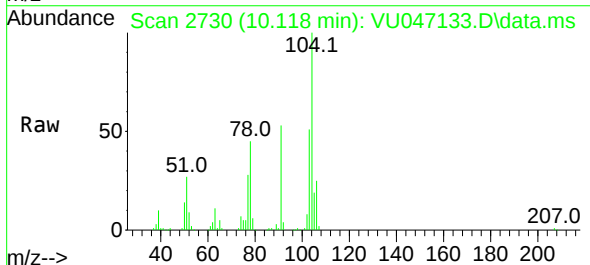
Manual Integrations
APPROVED

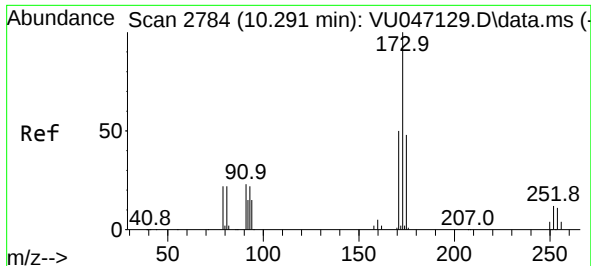
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#66
Styrene
Concen: 1.856 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

Tgt Ion:104 Resp: 100173
Ion Ratio Lower Upper
104 100
78 49.7 42.4 63.6
103 54.8 44.2 66.4





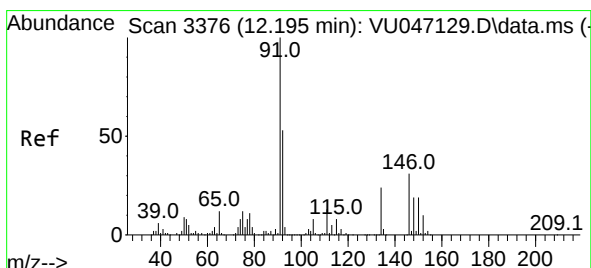
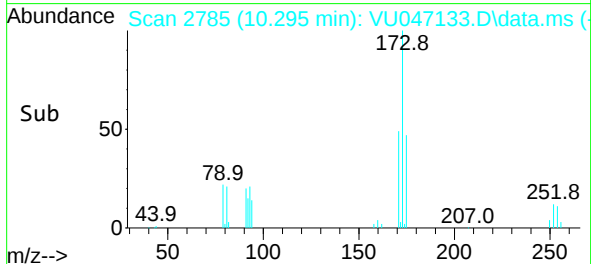
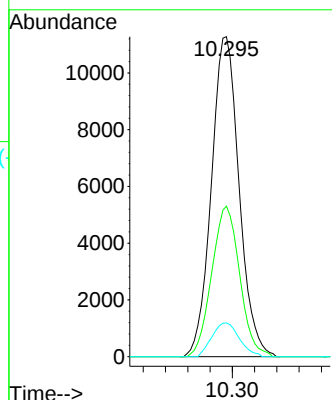
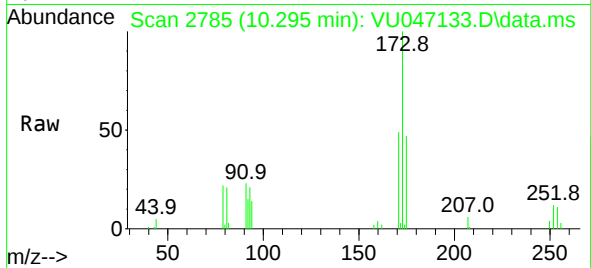
#67
Bromoform
Concen: 1.824 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01

Tgt Ion:173 Resp: 1949
Ion Ratio Lower Upper
173 100
175 47.4 39.0 58.4
254 10.5 5.5 8.3

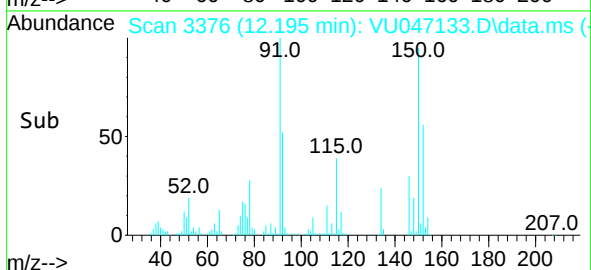
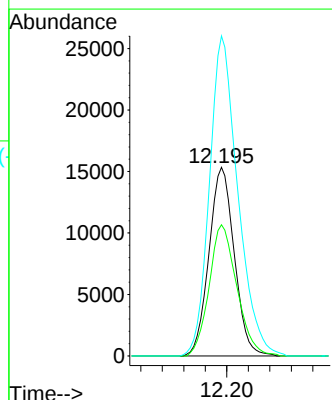
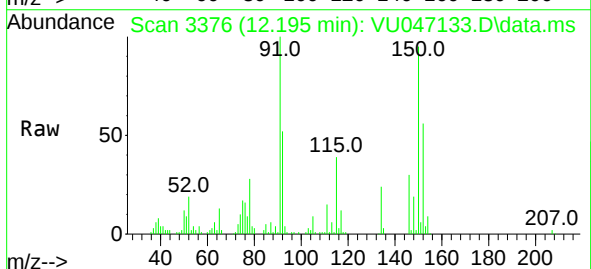
Manual Integrations
APPROVED

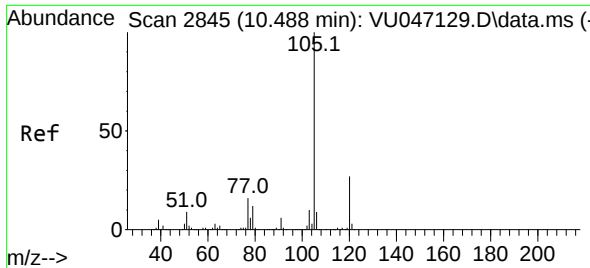
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#68
1,2-Dichlorobenzene-d4
Concen: 0.939 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

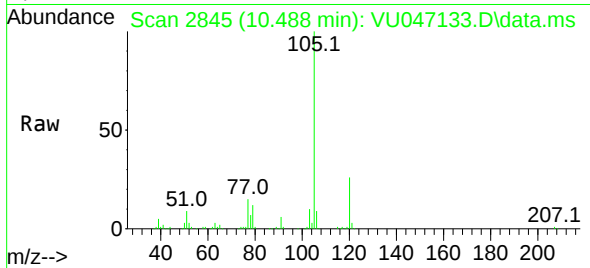
Tgt Ion:152 Resp: 25043
Ion Ratio Lower Upper
152 100
115 75.9 0.0 251.0
150 190.1 0.0 613.8





#69
Isopropylbenzene
Concen: 1.830 ug/l
RT: 10.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

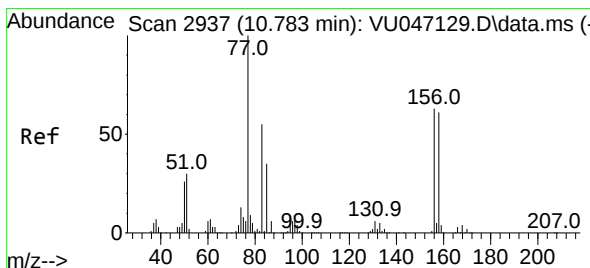
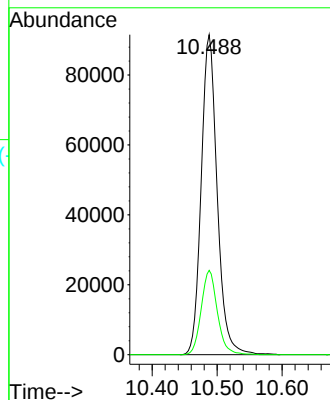
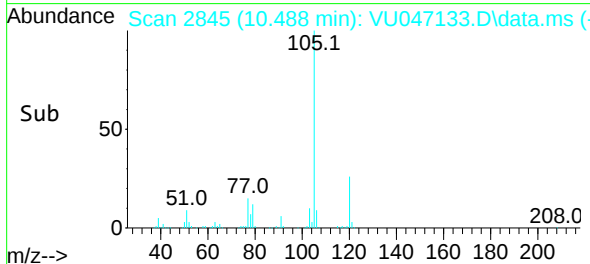
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



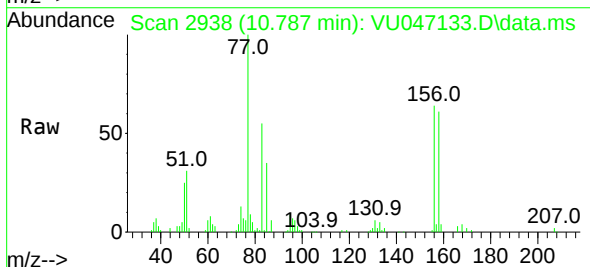
Tgt Ion:105 Resp: 15653
Ion Ratio Lower Upper
105 100
120 26.7 12.8 38.4

Manual Integrations
APPROVED

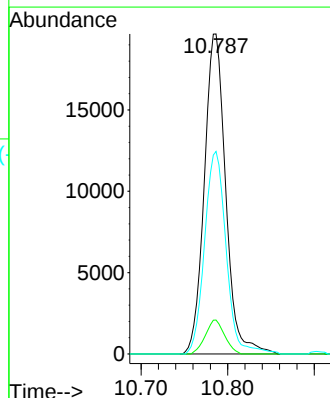
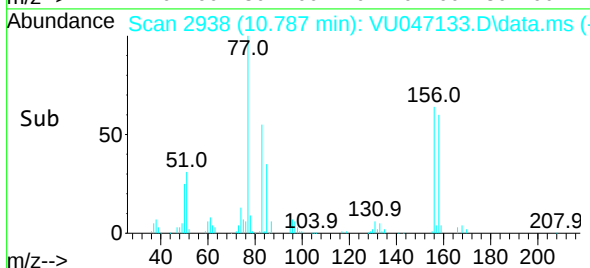
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

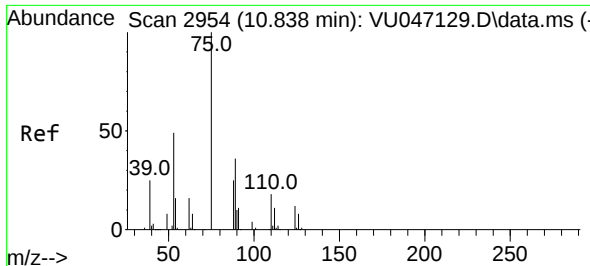


#70
1,1,2,2-Tetrachloroethane
Concen: 1.804 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



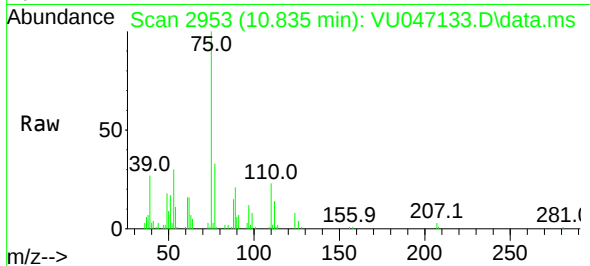
Tgt Ion: 83 Resp: 33835
Ion Ratio Lower Upper
83 100
131 9.5 7.6 11.4
85 63.8 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.784 ug/l m
RT: 10.835 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

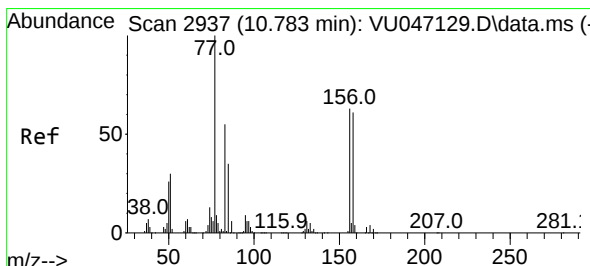
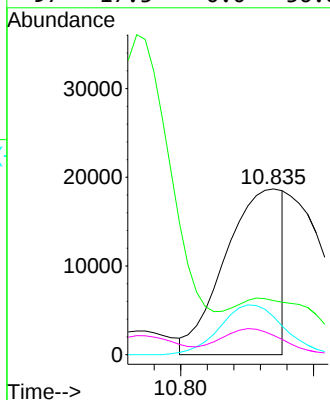
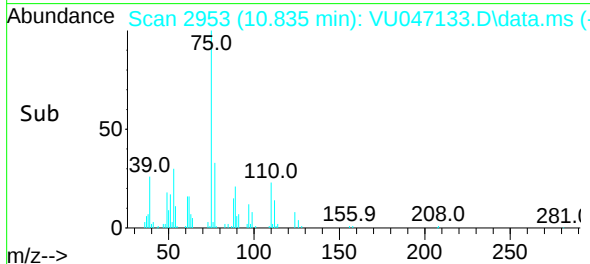
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



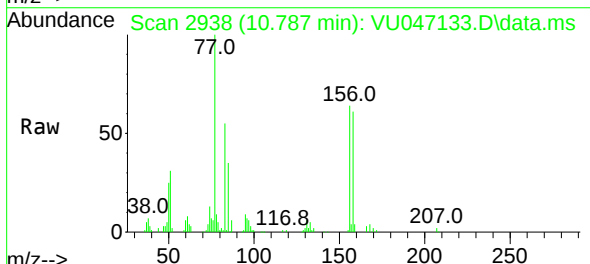
Tgt Ion: 75 Resp: 28239
Ion Ratio Lower Upper
75 100
77 0.0 0.0 105.6
110 33.4 0.0 71.2
97 17.3 0.0 36.8

Manual Integrations
APPROVED

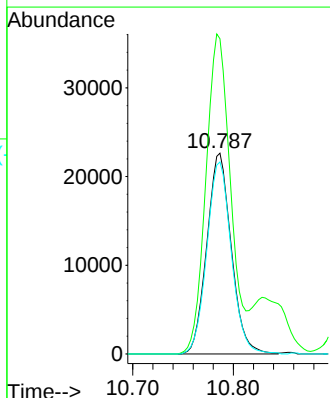
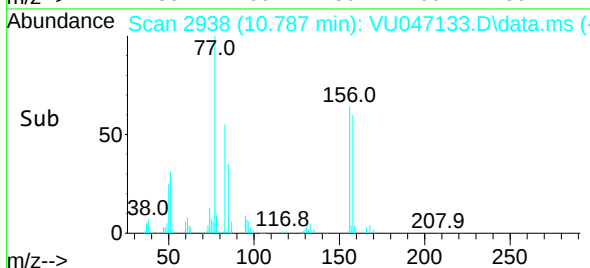
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

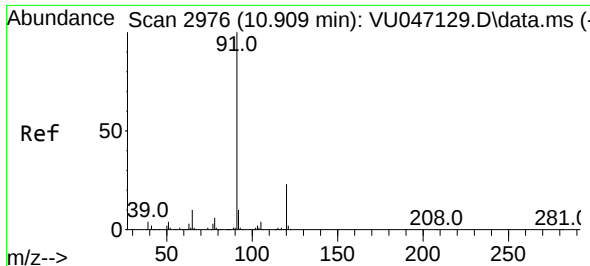


#72
Bromobenzene
Concen: 1.831 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



Tgt Ion:156 Resp: 38247
Ion Ratio Lower Upper
156 100
77 158.8 0.0 370.6
158 96.0 0.0 193.4





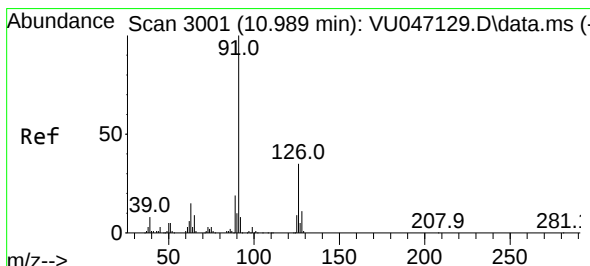
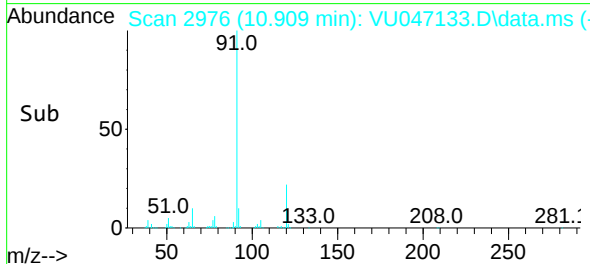
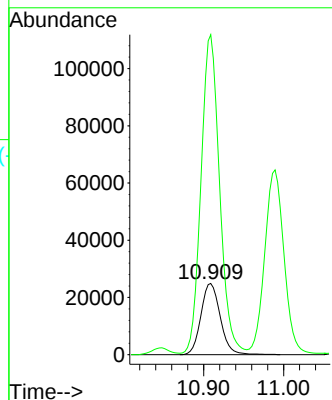
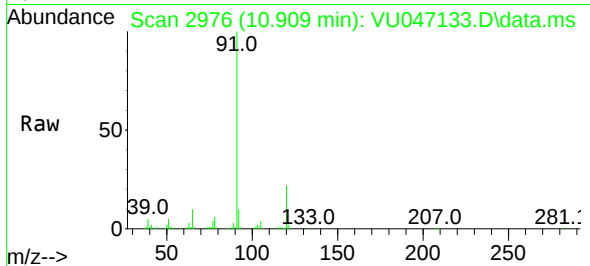
#73
n-propylbenzene
Concen: 1.779 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01

Tgt Ion:120 Resp: 41900
Ion Ratio Lower Upper
120 100
91 433.8 370.7 556.1

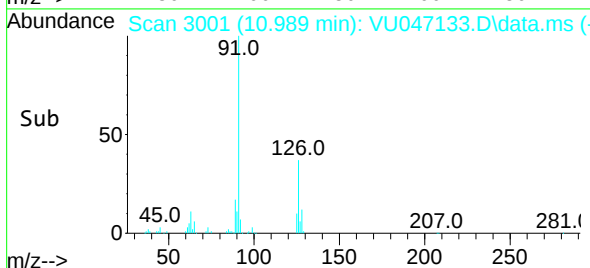
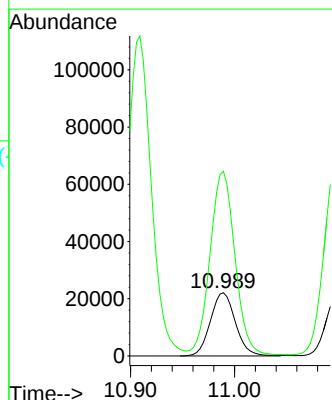
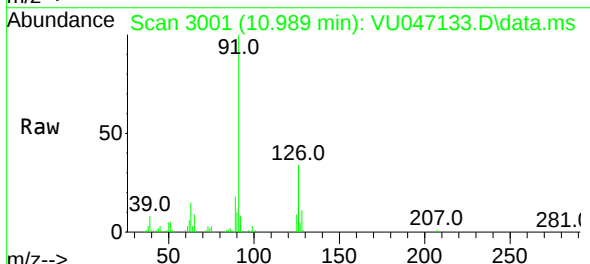
Manual Integrations
APPROVED

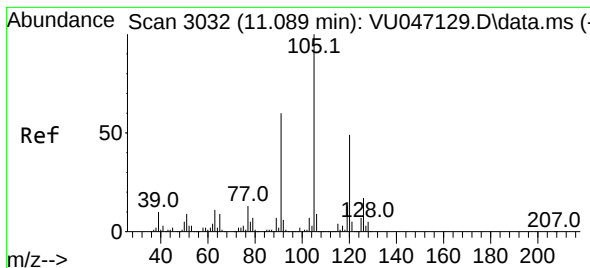
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#74
2-Chlorotoluene
Concen: 1.839 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

Tgt Ion:126 Resp: 36912
Ion Ratio Lower Upper
126 100
91 294.3 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 1.813 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047133.D

Acq: 14 Feb 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBS01

Tgt Ion:105 Resp: 127190

Ion Ratio Lower Upper

105 100

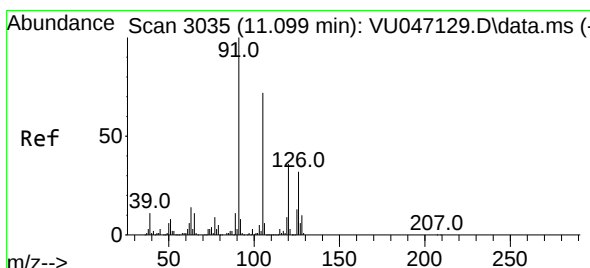
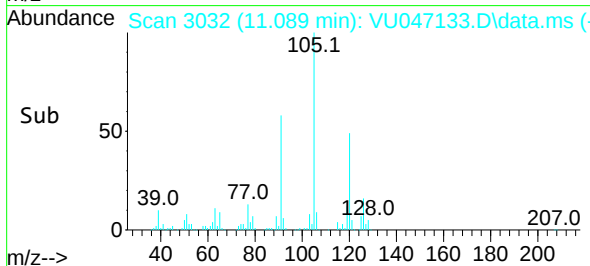
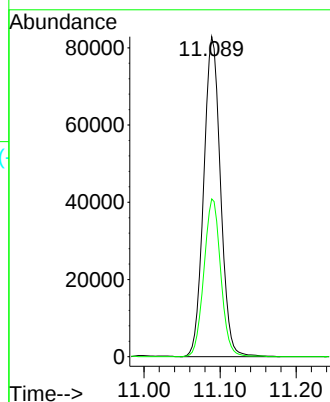
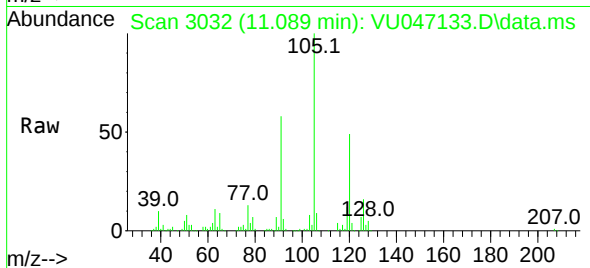
120 49.3 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#76

4-Chlorotoluene

Concen: 1.788 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. 0.000 min

Lab File: VU047133.D

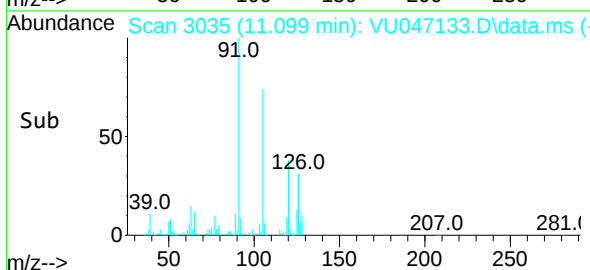
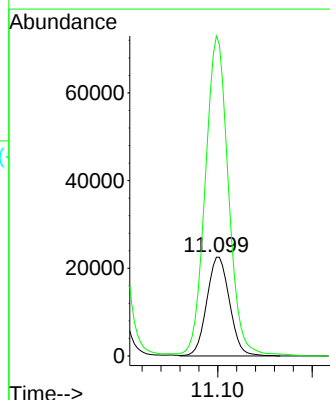
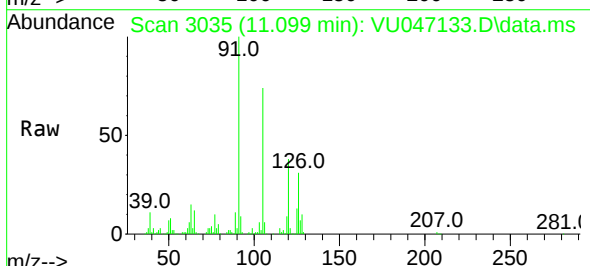
Acq: 14 Feb 2022 15:10

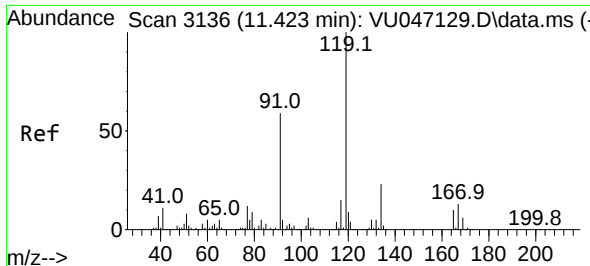
Tgt Ion:126 Resp: 37706

Ion Ratio Lower Upper

126 100

91 330.9 0.0 728.0





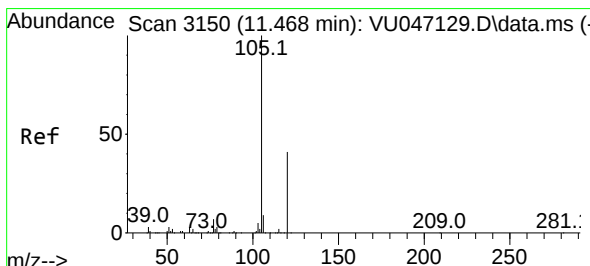
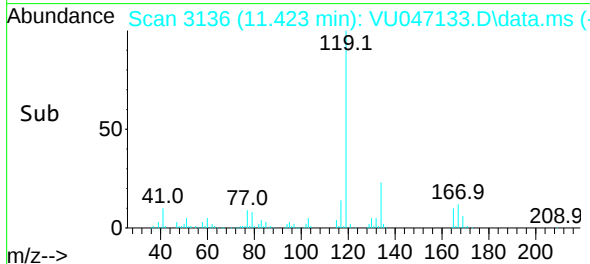
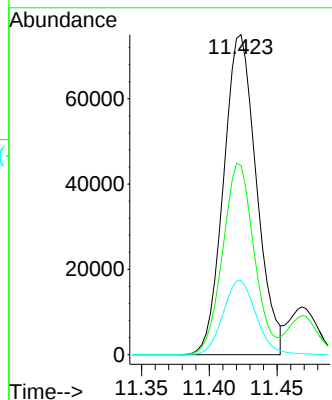
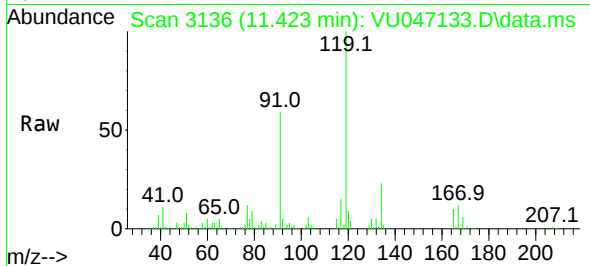
#77
tert-Butylbenzene
Concen: 1.797 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01

Tgt Ion:119 Resp: 12647
Ion Ratio Lower Upper
119 100
91 57.2 31.4 94.3
134 23.3 18.5 27.7

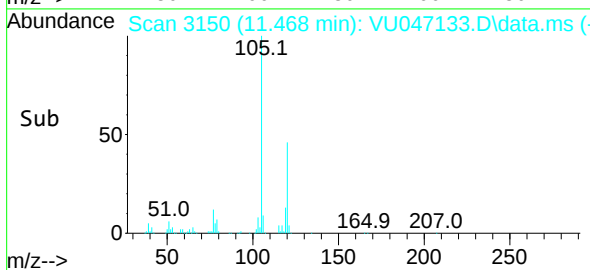
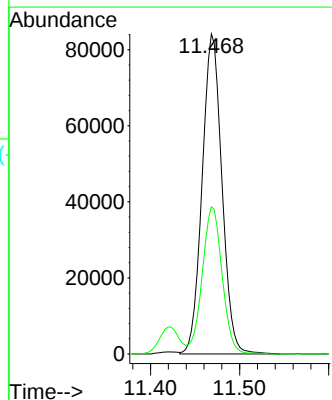
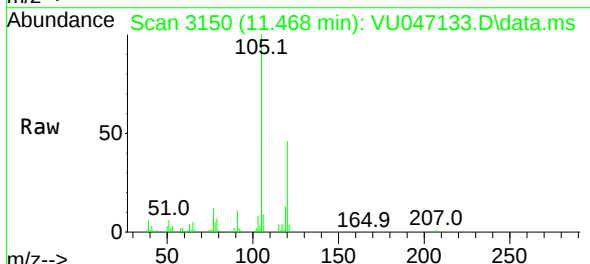
Manual Integrations
APPROVED

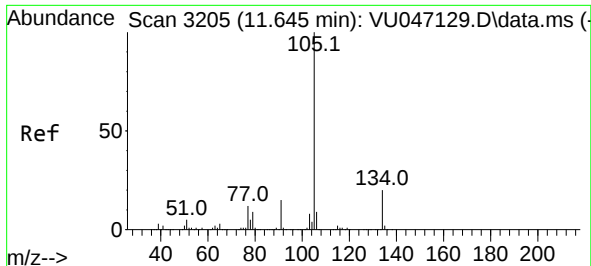
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#78
1,2,4-Trimethylbenzene
Concen: 1.810 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

Tgt Ion:105 Resp: 129546
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.8





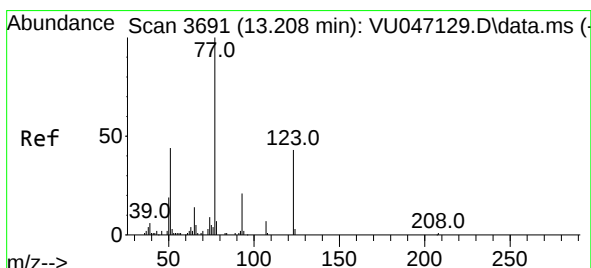
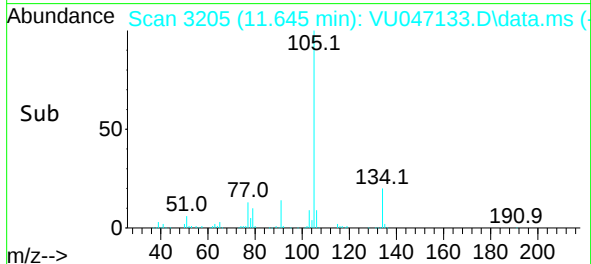
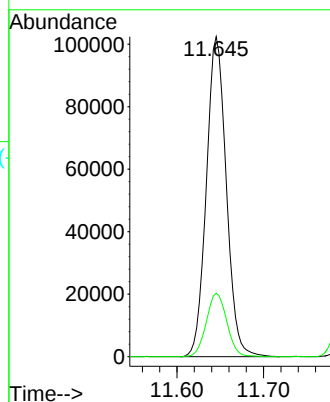
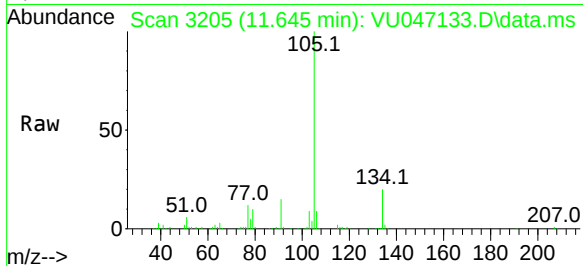
#79
 sec-Butylbenzene
 Concen: 1.752 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU047133.D
 Acq: 14 Feb 2022 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0214WBS01

Tgt Ion:105 Resp: 163700
 Ion Ratio Lower Upper
 105 100
 134 20.4 15.4 23.0

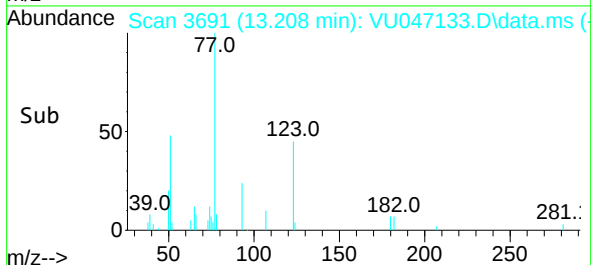
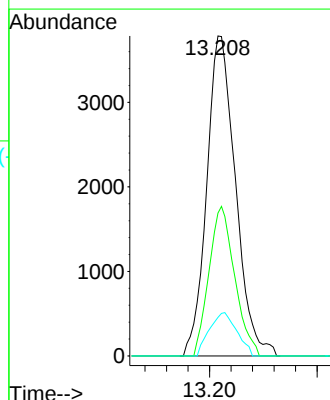
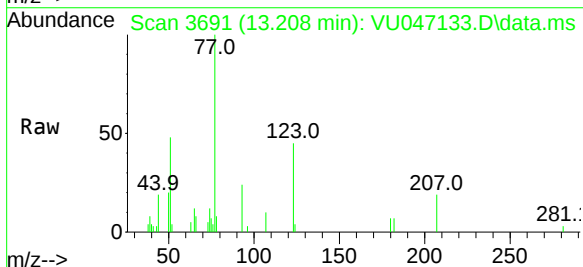
Manual Integrations
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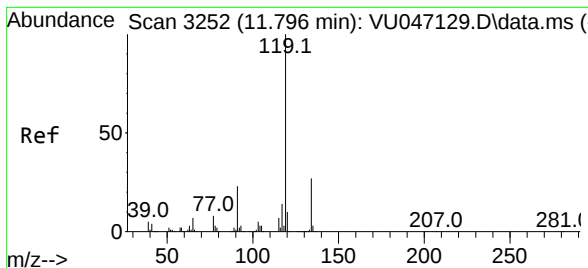
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#80
 Nitrobenzene
 Concen: 7.772 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU047133.D
 Acq: 14 Feb 2022 15:10

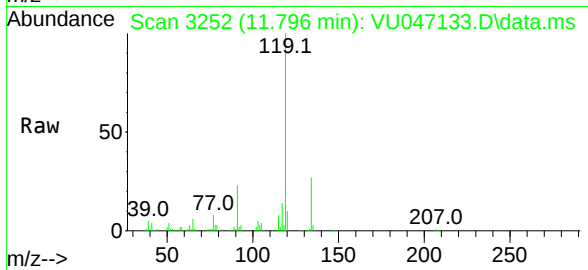
Tgt Ion: 77 Resp: 7037
 Ion Ratio Lower Upper
 77 100
 123 41.7 18.2 64.4
 65 12.9 12.0 15.2





#81
p-Isopropyltoluene
Concen: 1.737 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

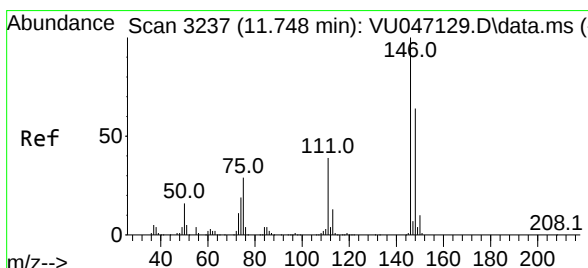
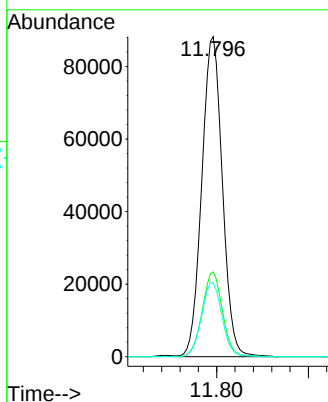
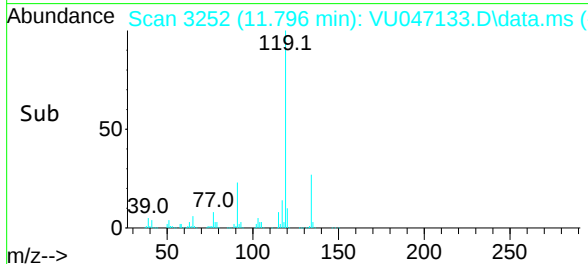
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



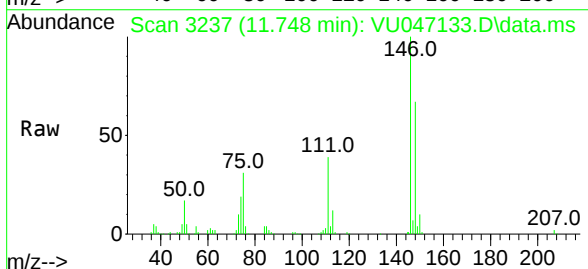
Tgt Ion:119 Resp: 13735
Ion Ratio Lower Upper
119 100
134 26.0 20.2 30.4
91 23.1 19.9 29.9

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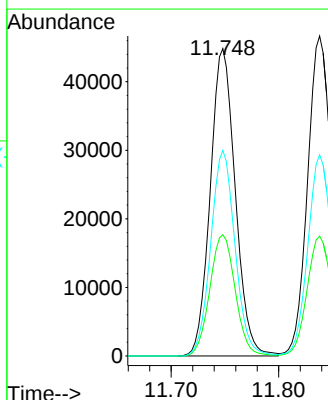
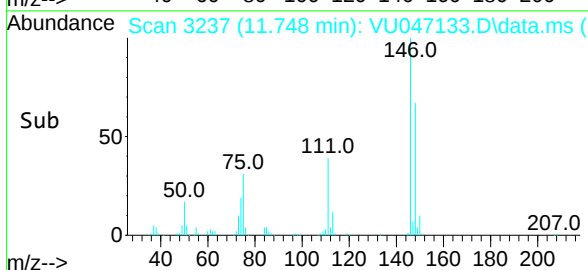
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

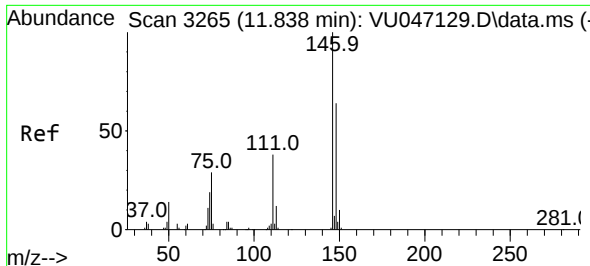


#82
1,3-Dichlorobenzene
Concen: 1.780 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



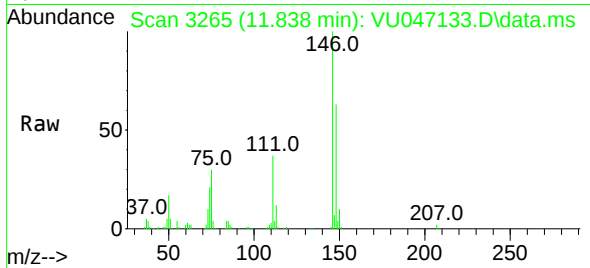
Tgt Ion:146 Resp: 72388
Ion Ratio Lower Upper
146 100
111 40.1 33.9 50.9
148 65.2 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 1.817 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

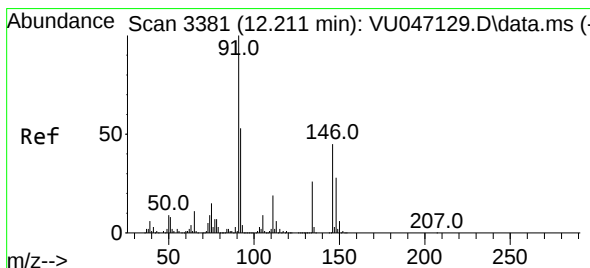
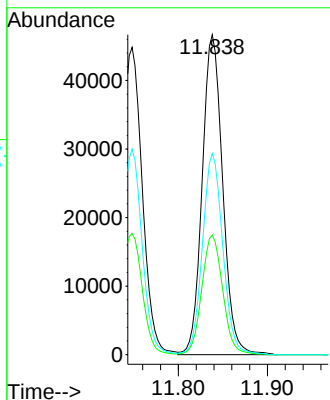
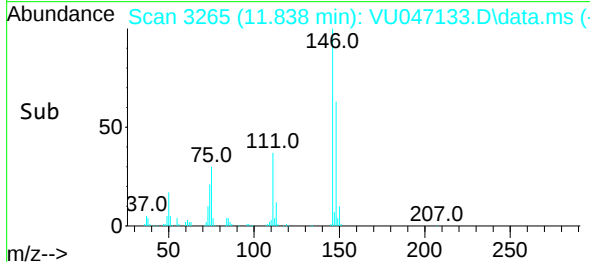
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



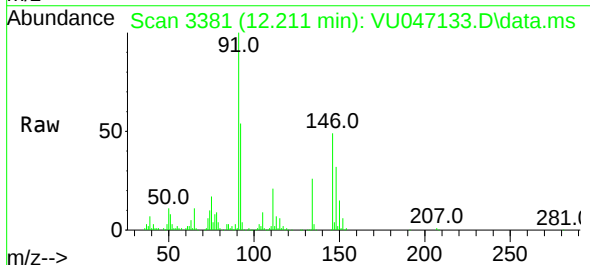
Tgt Ion:146 Resp: 74424
Ion Ratio Lower Upper
146 100
111 38.2 32.7 49.1
148 62.8 51.4 77.0

Manual Integrations
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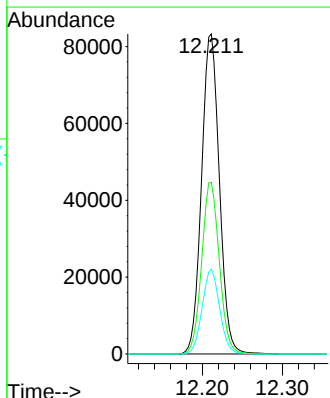
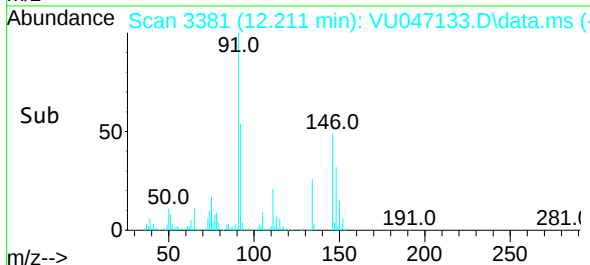
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

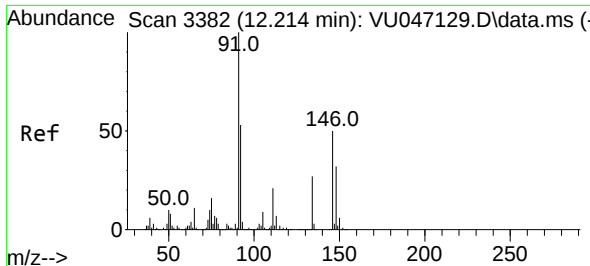


#84
n-Butylbenzene
Concen: 1.703 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



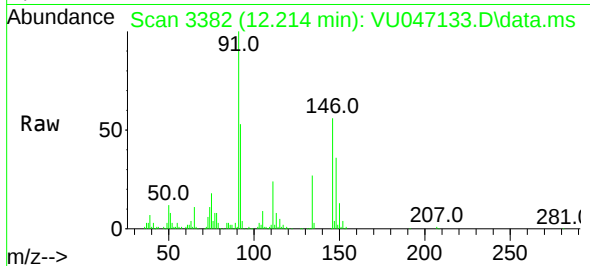
Tgt Ion: 91 Resp: 129327
Ion Ratio Lower Upper
91 100
92 53.0 43.5 65.3
134 25.9 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 1.794 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

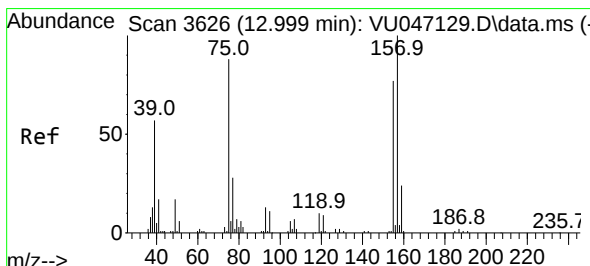
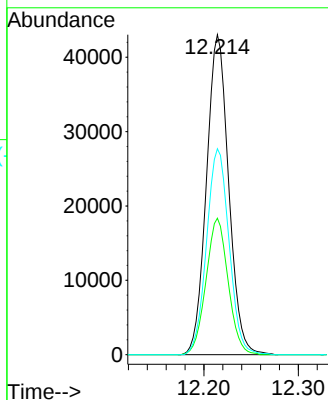
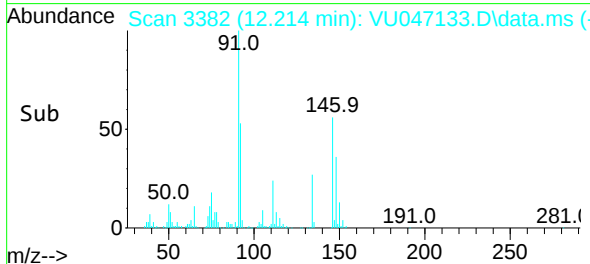
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



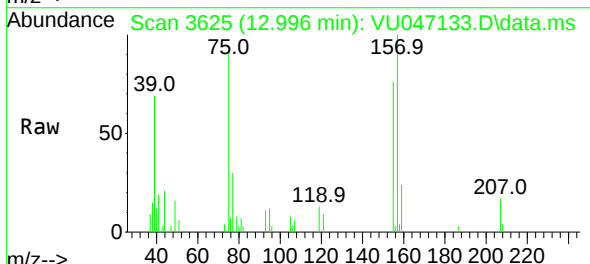
Tgt Ion:146 Resp: 70229
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.1
148 65.3 31.6 94.7

Manual Integrations
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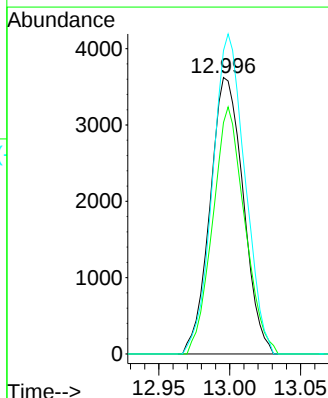
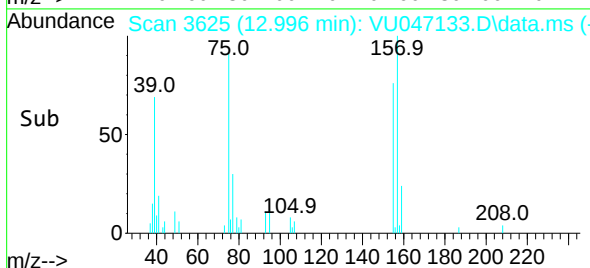
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

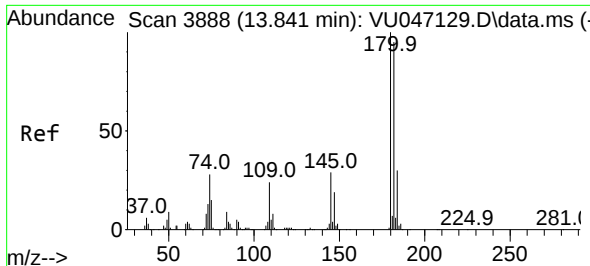


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.715 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10



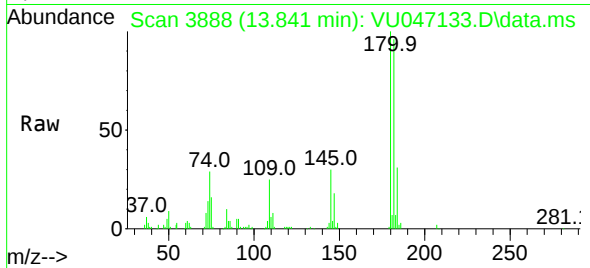
Tgt Ion: 75 Resp: 5898
Ion Ratio Lower Upper
75 100
155 86.0 57.8 86.8
157 113.0 75.1 112.7#





#87
 1,2,4-Trichlorobenzene
 Concen: 1.736 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047133.D
 Acq: 14 Feb 2022 15:10

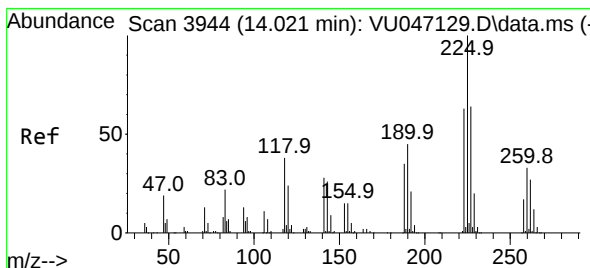
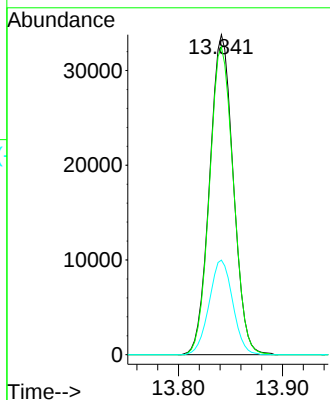
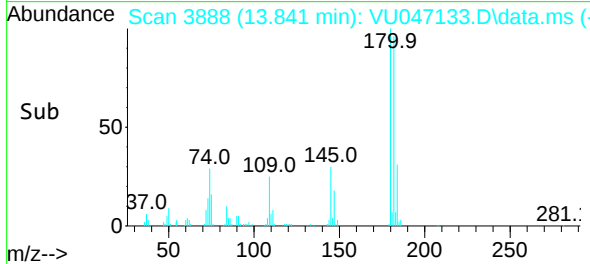
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0214WBS01



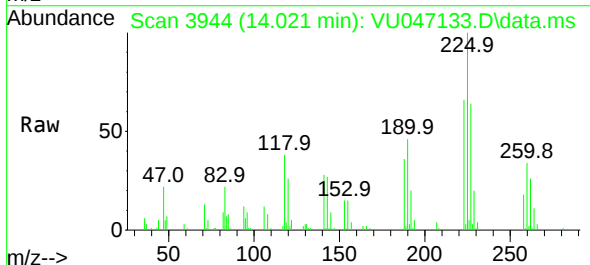
Tgt Ion:180 Resp: 5336
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.8 113.8
 145 29.5 25.3 37.9

Manual Integrations
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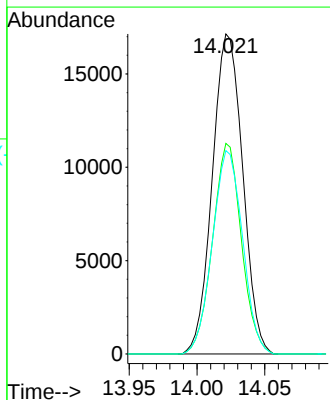
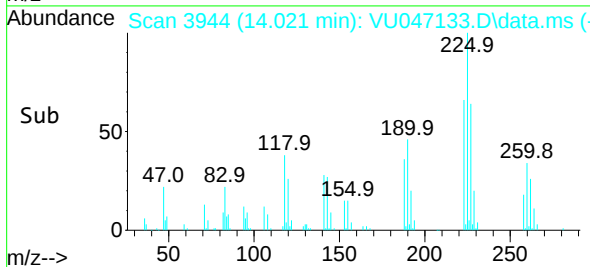
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022

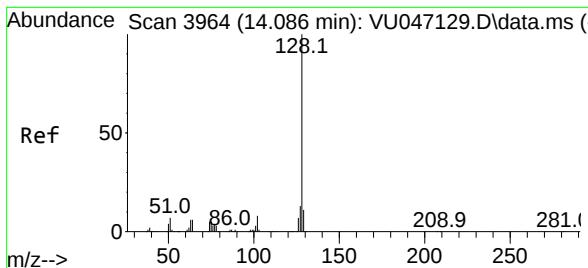


#88
 Hexachlorobutadiene
 Concen: 1.699 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. 0.000 min
 Lab File: VU047133.D
 Acq: 14 Feb 2022 15:10



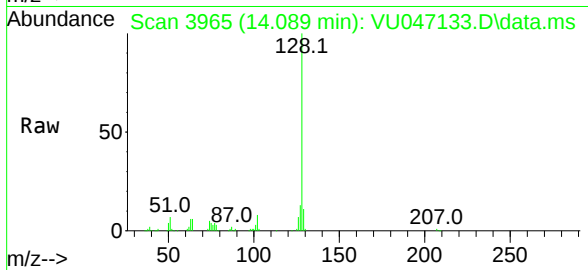
Tgt Ion:225 Resp: 26695
 Ion Ratio Lower Upper
 225 100
 223 62.5 51.1 76.7
 227 63.1 49.9 74.9





#89
Naphthalene
Concen: 1.756 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

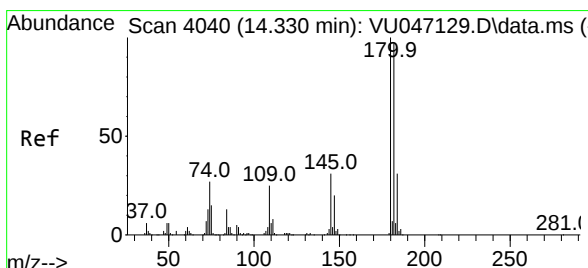
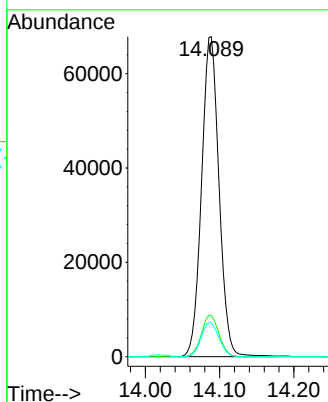
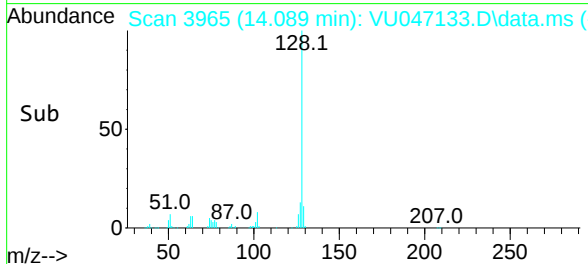
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBS01



Tgt Ion:128 Resp: 110539
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#90
1,2,3-Trichlorobenzene
Concen: 1.828 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047133.D
Acq: 14 Feb 2022 15:10

Tgt Ion:180 Resp: 50383
Ion Ratio Lower Upper
180 100
182 95.6 75.4 113.0
145 31.4 27.0 40.4

