

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022322\
 Data File : VU047249.D
 Acq On : 23 Feb 2022 14:16
 Operator : SY/MD
 Sample : N1637-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-U-022222MS

Quant Time: Feb 24 05:59:33 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

Manual Integrations APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

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

Internal Standards						
1) Fluorobenzene	6.118	96	52420	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	19049	0.938	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20580	0.973	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	136801	7.827	ug/l	100
3) Chloromethane	1.527	50	221564	12.343	ug/l	99
4) Vinyl Chloride	1.607	62	173576	9.795	ug/l	98
5) Bromomethane	1.861	94	79998	6.910	ug/l	100
6) Chloroethane	1.938	64	112888	11.088	ug/l	100
7) Trichlorofluoromethane	2.144	101	224438	10.745	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	133186	11.063	ug/l	94
9) 1,1-Dichloroethene	2.588	96	128579	10.377	ug/l	95
10) Iodomethane	2.729	142	100319	7.089	ug/l	100
11) Allyl Chloride	2.928	41	183347	9.493	ug/l	96
12) Acrylonitrile	3.324	53	64476	17.729	ug/l	93
13) Acetone	2.645	43	120807	55.355	ug/l	99
14) Carbon Disulfide	2.800	76	412728	9.848	ug/l	100
15) Methylene Chloride	3.051	84	143364	10.302	ug/l	97
16) trans-1,2-Dichloroethene	3.356	96	138973	10.627	ug/l	97
17) 1,1-Dichloroethane	3.874	63	236334	9.864	ug/l	100
18) 2-Butanone	4.723	43	189057	51.602	ug/l	97
19) Cyclohexane	5.391	56	211252m	9.517	ug/l	
20) Methylcyclohexane	6.767	83	238345	9.742	ug/l	97
21) 2,2-Dichloropropane	4.671	77	218260	10.193	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	154306	10.260	ug/l	93
23) Diethyl Ether	2.382	59	99442	9.931	ug/l	99
24) tert-Butyl Alcohol	3.240	59	130447	200.297	ug/l	# 93
25) Methyl tert-Butyl Ether	3.372	73	350804	10.096	ug/l	99
26) Bromochloromethane	4.980	128	69167	10.227	ug/l	87
27) Chloroform	5.096	83	248272	10.212	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	217074	10.314	ug/l	97
29) 1,1-Dichloropropene	5.530	75	194971	10.119	ug/l	98
30) Carbon Tetrachloride	5.530	117	190878	10.315	ug/l	100
31) Isopropyl Ether	4.002	45	370156	9.659	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	379932	9.753	ug/l	97
33) Tert-Amyl methyl ether	5.948	73	339570	9.464	ug/l	98
34) Propionitrile	4.797	54	58912	54.187	ug/l	# 89
35) Benzene	5.777	78	550675	10.199	ug/l	100
36) 1,2-Dichloroethane	5.800	62	161612	9.886	ug/l	100
37) Trichloroethene	6.546	130	167916	11.233	ug/l	93
38) 1,2-Dichloropropane	6.796	63	142506	9.974	ug/l	99
39) Methacrylonitrile	4.983	41	46516	9.446	ug/l	98
40) Methyl acrylate	4.851	55	78533	9.434	ug/l	96
41) Tetrahydrofuran	5.067	42	47608	18.978	ug/l	98
42) 1-Chlorobutane	5.462	56	256439	9.913	ug/l	98
43) Dibromomethane	6.922	93	76825	9.970	ug/l	91
44) Bromodichloromethane	7.108	83	183783	10.085	ug/l	98

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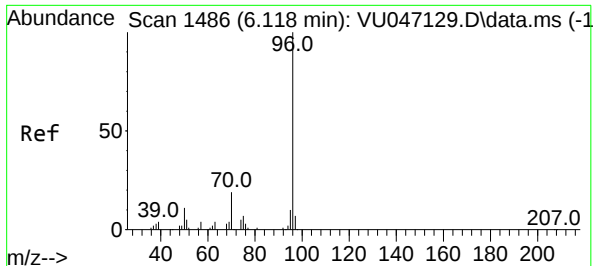
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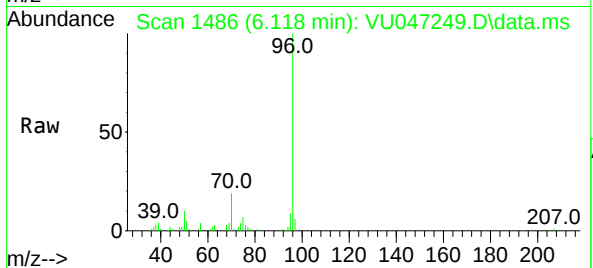
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	446269	42.821	ug/l	98
46) t-1,4-Dichloro-2-butene	10.841	75	95472m	21.044	ug/l	
47) Methyl methacrylate	6.967	69	150056	18.569	ug/l	93
48) Ethyl methacrylate	8.337	69	151226	9.232	ug/l	92
49) Toluene	7.973	92	353970	10.163	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	186779	9.469	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	216581	9.794	ug/l	96
52) 1,1,2-Trichloroethane	8.404	97	108322	9.853	ug/l	99
53) 1,3-Dichloropropane	8.578	76	186201	9.479	ug/l	100
54) 2-Hexanone	8.687	43	321623	41.424	ug/l	98
55) Dibromochloromethane	8.812	129	130788	9.785	ug/l	99
56) 1,2-Dibromoethane	8.925	107	107185	9.647	ug/l	96
58) Tetrachloroethene	8.555	164	148106	10.737	ug/l	98
59) Chlorobenzene	9.449	112	387999	9.992	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	140050	10.493	ug/l	99
61) Pentachloroethane	11.430	117	115877	11.437	ug/l	84
62) Hexachloroethane	12.478	117	111433	10.187	ug/l #	77
63) Ethyl Benzene	9.571	91	684887	10.033	ug/l	99
64) m/p-Xylenes	9.697	106	519929	19.982	ug/l	98
65) o-Xylene	10.102	106	253635	10.062	ug/l	97
66) Styrene	10.115	104	431129	10.078	ug/l	97
67) Bromoform	10.295	173	81612	9.635	ug/l #	98
69) Isopropylbenzene	10.488	105	676564	9.980	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.787	83	140870	9.477	ug/l	98
71) 1,2,3-Trichloropropane	10.838	75	115070m	9.173	ug/l	
72) Bromobenzene	10.783	156	171117	10.336	ug/l	84
73) n-propylbenzene	10.909	120	189733	10.167	ug/l	88
74) 2-Chlorotoluene	10.989	126	163580	10.282	ug/l	82
75) 1,3,5-Trimethylbenzene	11.089	105	572303	10.294	ug/l	98
76) 4-Chlorotoluene	11.099	126	170564	10.204	ug/l	82
77) tert-Butylbenzene	11.423	119	575107	10.310	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	586247	10.333	ug/l	98
79) sec-Butylbenzene	11.645	105	759839	10.258	ug/l	98
80) Nitrobenzene	13.208	77	19723	27.484	ug/l	95
81) p-Isopropyltoluene	11.796	119	651278	10.391	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	331383	10.282	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	330474	10.179	ug/l	98
84) n-Butylbenzene	12.211	91	639946	10.632	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	315117	10.157	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	25852	9.486	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.841	180	263570	10.820	ug/l	98
88) Hexachlorobutadiene	14.024	225	133420	10.713	ug/l	98
89) Naphthalene	14.089	128	480407	9.628	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	236842	10.840	ug/l	97

(#) = 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
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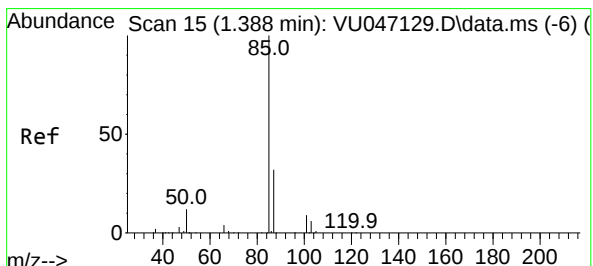
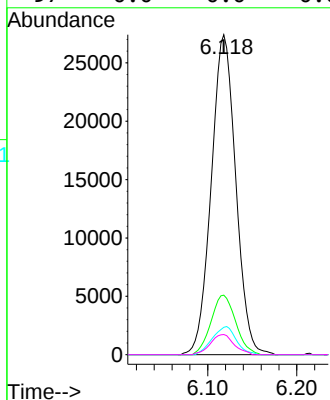
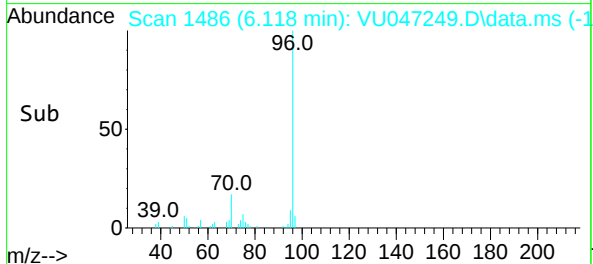
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MS



Tgt Ion: 96 Resp: 52420
Ion Ratio Lower Upper
96 100
70 18.7 16.8 25.2
95 8.6 7.3 10.9
97 0.0 0.0 0.0

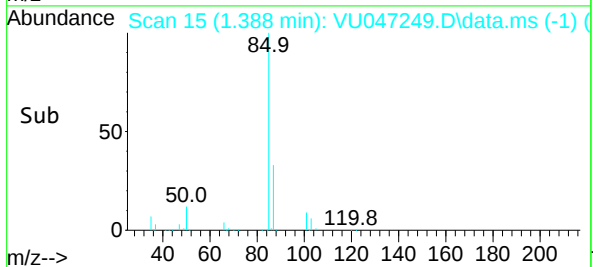
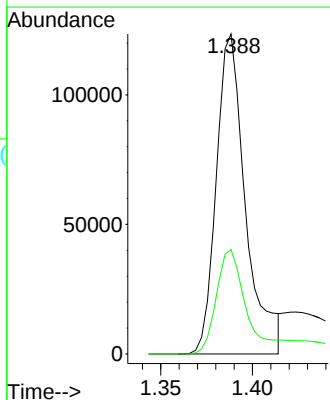
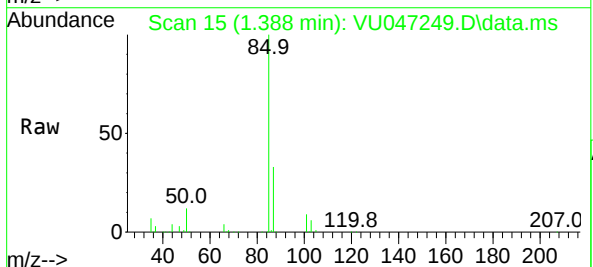
Manual Integrations
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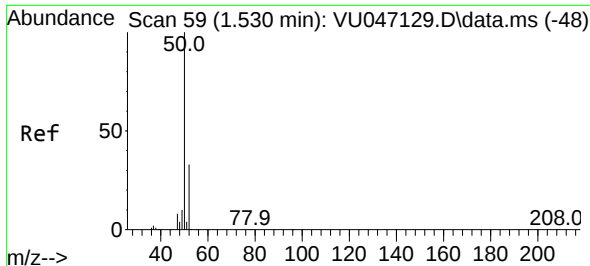
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#2
Dichlorodifluoromethane
Concen: 7.827 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

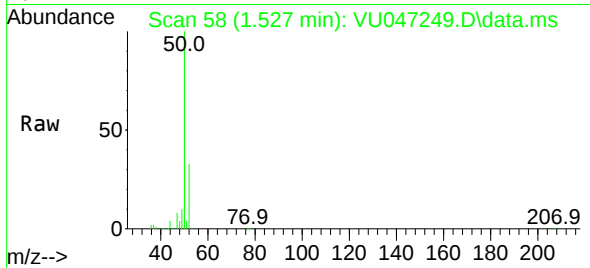
Tgt Ion: 85 Resp: 136801
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6





#3
Chloromethane
Concen: 12.343 ug/l
RT: 1.527 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

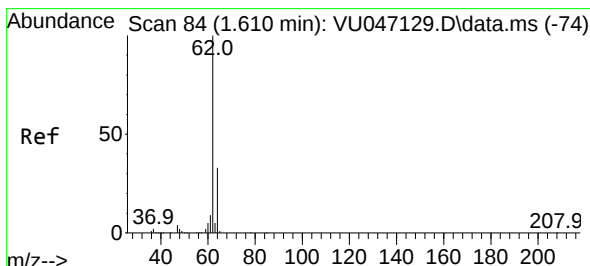
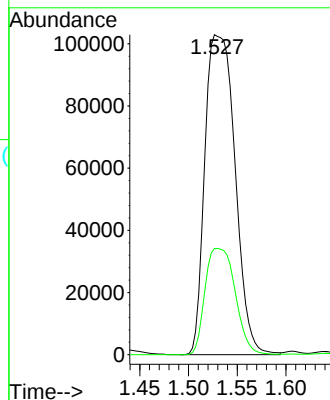
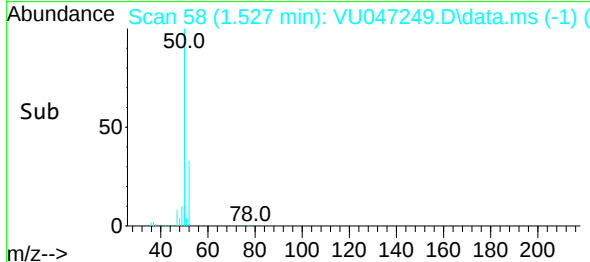
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



Tgt Ion: 50 Resp: 221564
Ion Ratio Lower Upper
50 100
52 33.2 26.2 39.4

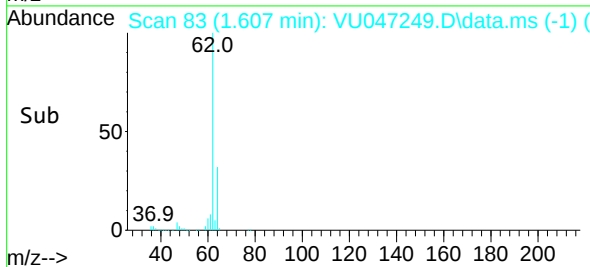
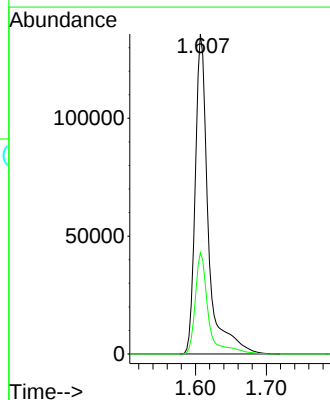
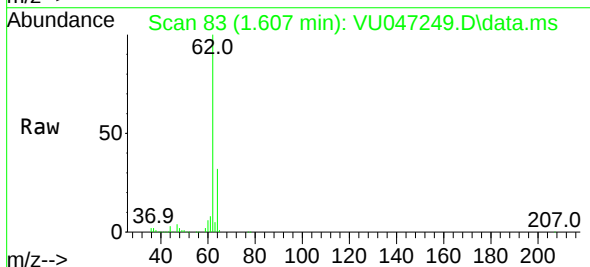
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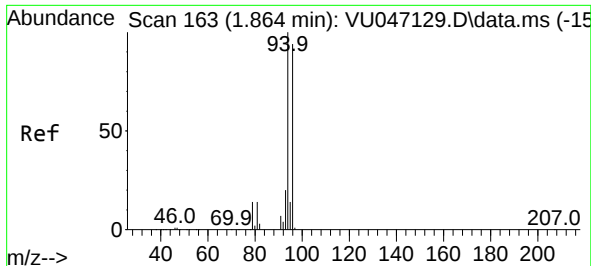
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#4
Vinyl Chloride
Concen: 9.795 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

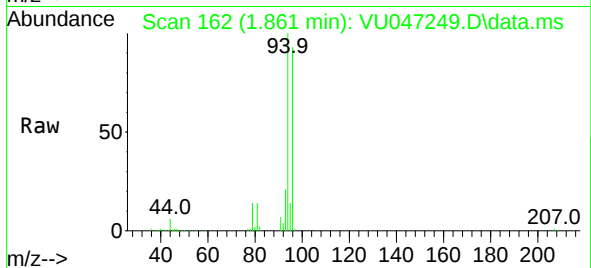
Tgt Ion: 62 Resp: 173576
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0





#5
Bromomethane
Concen: 6.910 ug/l
RT: 1.861 min Scan# 10
Delta R.T. -0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

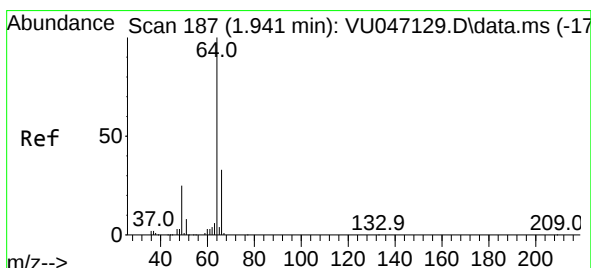
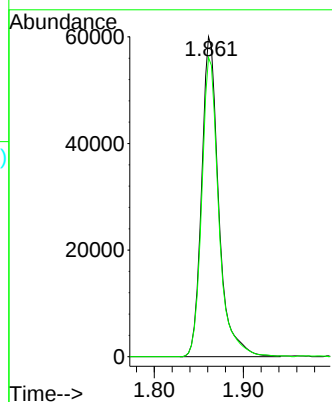
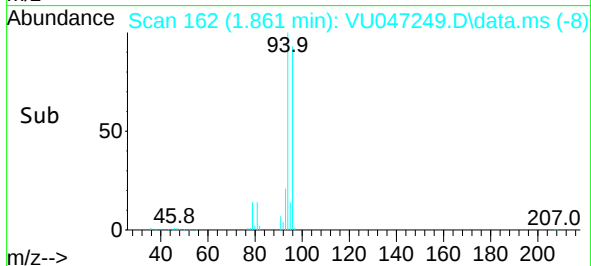
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



Tgt Ion: 94 Resp: 79998
Ion Ratio Lower Upper
94 100
96 93.5 75.0 112.4

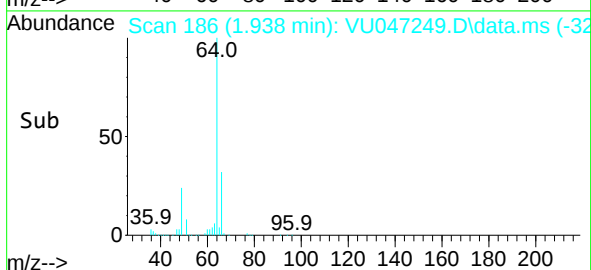
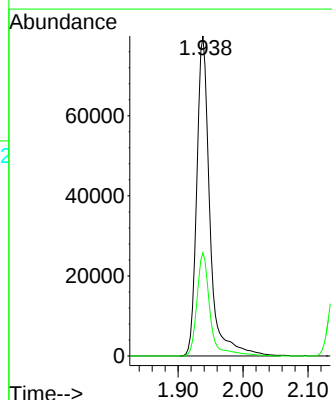
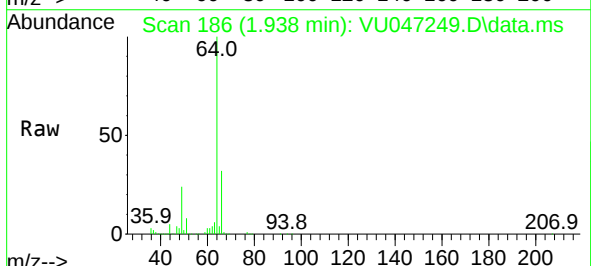
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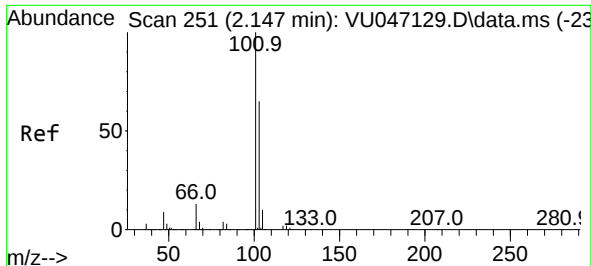
Reviewed By :John Carlone 02/24/2022
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#6
Chloroethane
Concen: 11.088 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

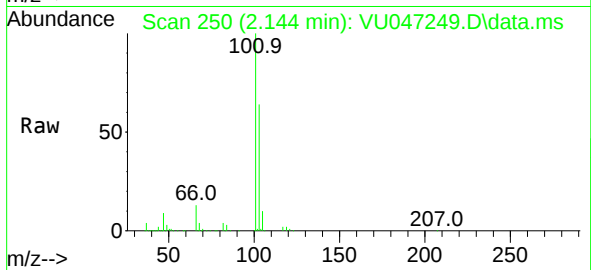
Tgt Ion: 64 Resp: 112888
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 10.745 ug/l
 RT: 2.144 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU047249.D
 Acq: 23 Feb 2022 14:16

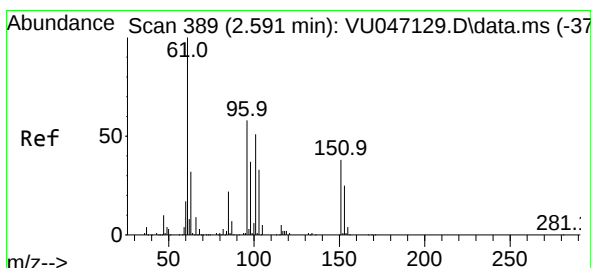
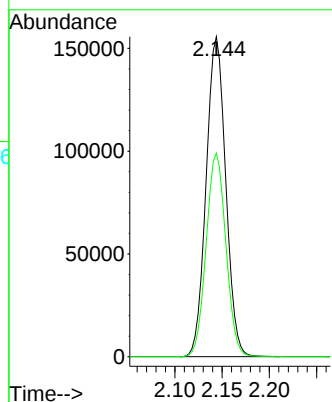
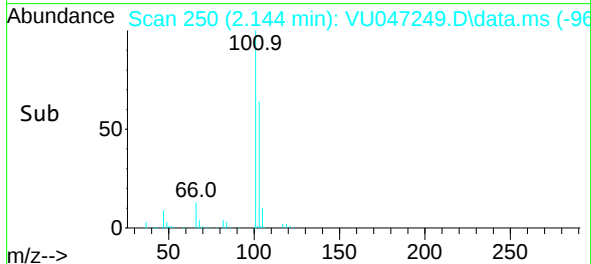
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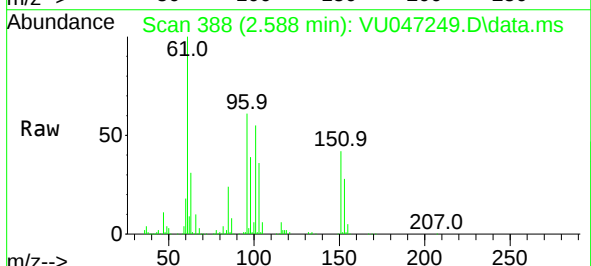
Tgt Ion:101 Resp: 224438
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.2 78.2

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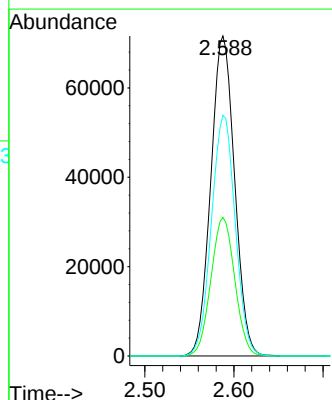
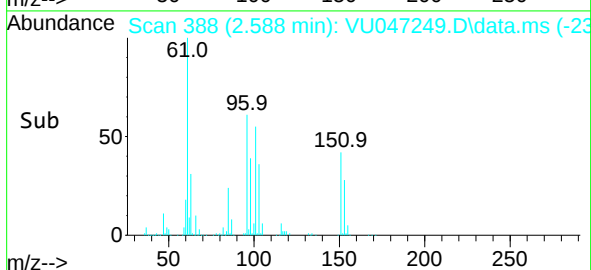
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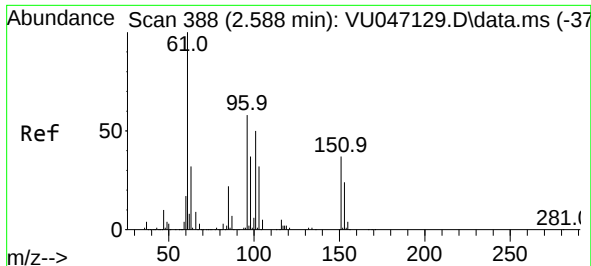


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.063 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU047249.D
 Acq: 23 Feb 2022 14:16



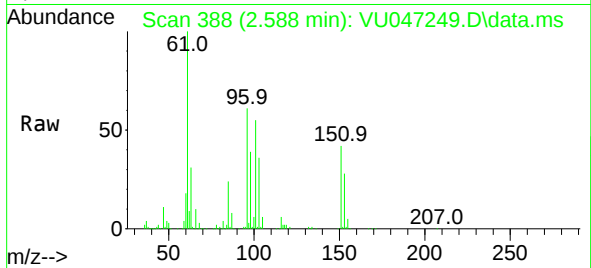
Tgt Ion:101 Resp: 133186
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.8 53.6
 151 75.4 54.6 81.8





#9
1,1-Dichloroethene
Concen: 10.377 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

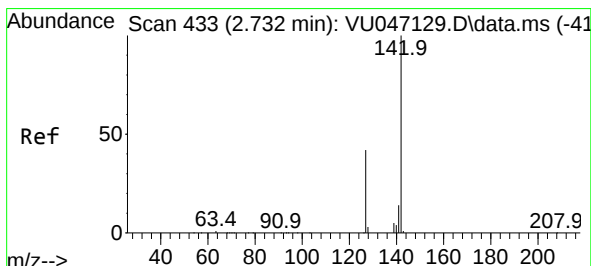
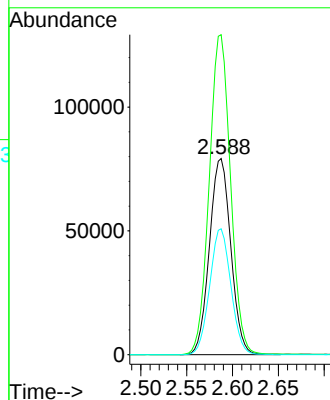
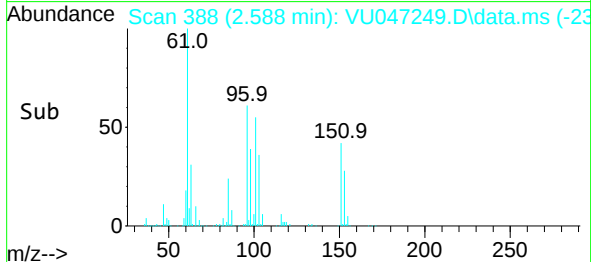
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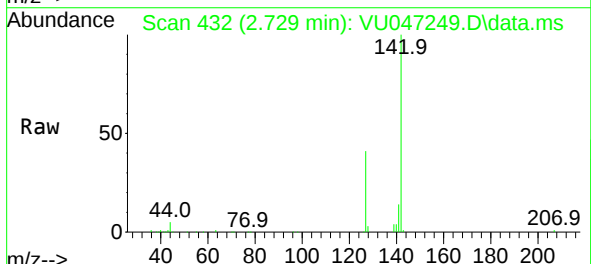
Tgt Ion: 96 Resp: 128579
Ion Ratio Lower Upper
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98 64.2 0.0 126.4

Manual Integrations
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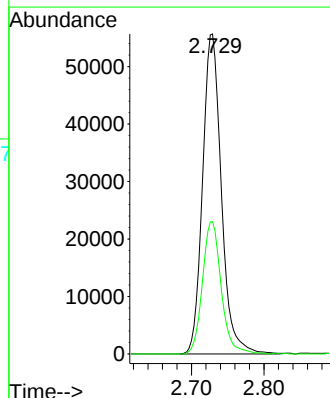
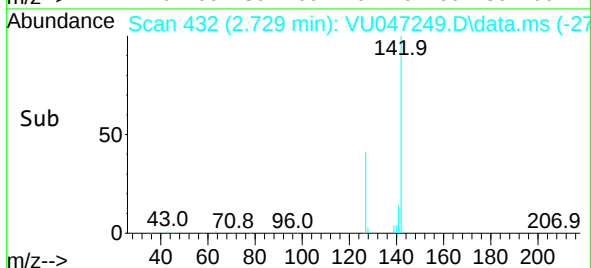
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

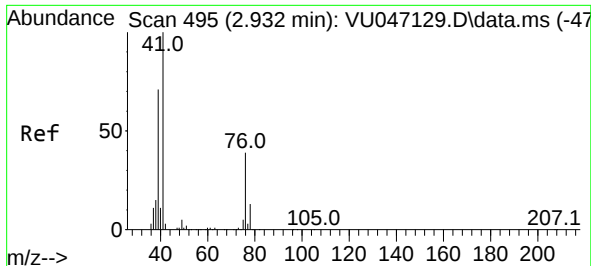


#10
Iodomethane
Concen: 7.089 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



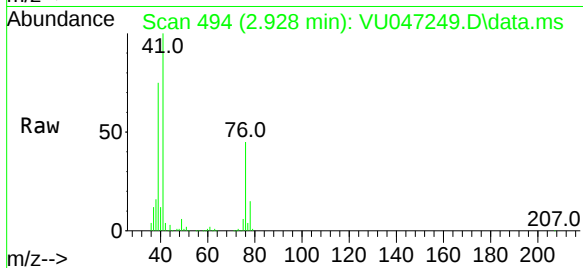
Tgt Ion:142 Resp: 100319
Ion Ratio Lower Upper
142 100
127 41.3 33.2 49.8





#11
 Allyl Chloride
 Concen: 9.493 ug/l
 RT: 2.928 min Scan# 495
 Delta R.T. -0.003 min
 Lab File: VU047249.D
 Acq: 23 Feb 2022 14:16

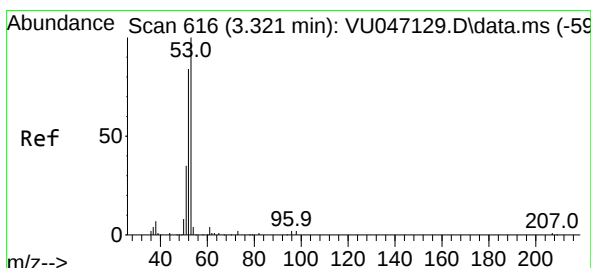
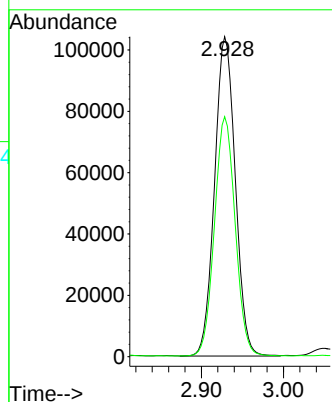
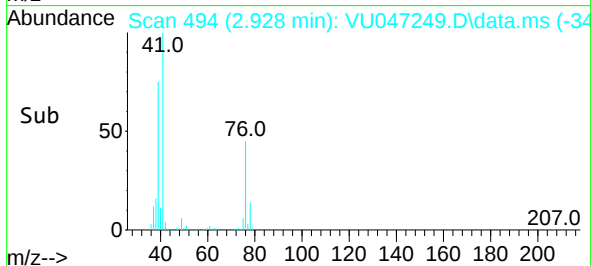
Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-U-022222MS



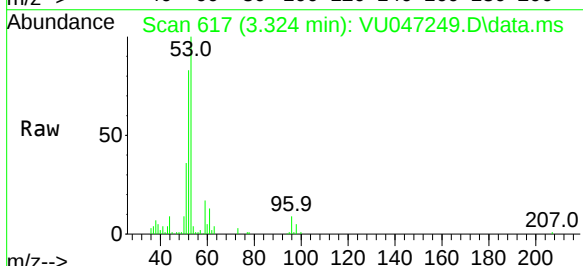
Tgt Ion: 41 Resp: 18334
 Ion Ratio Lower Upper
 41 100
 39 74.9 62.4 93.6

Manual Integrations
 APPROVED

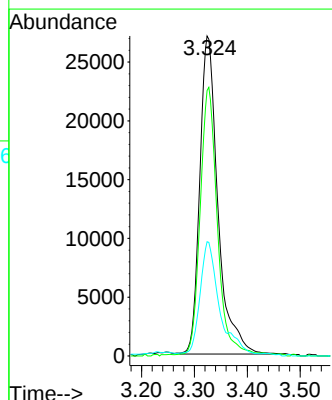
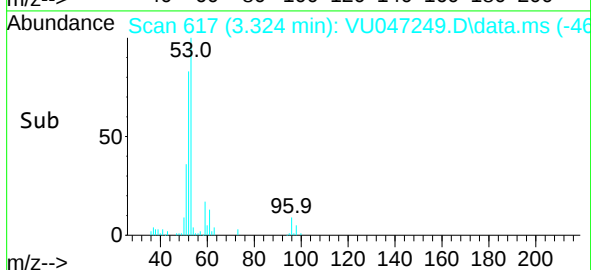
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

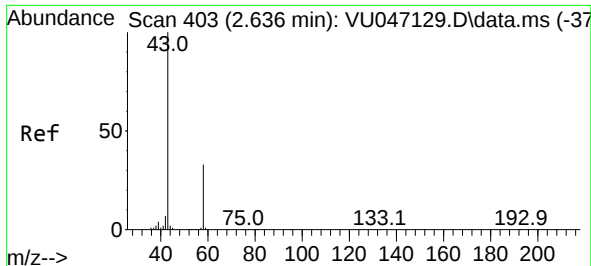


#12
 Acrylonitrile
 Concen: 17.729 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VU047249.D
 Acq: 23 Feb 2022 14:16



Tgt Ion: 53 Resp: 64476
 Ion Ratio Lower Upper
 53 100
 52 79.2 56.7 85.1
 51 36.7 30.3 45.5





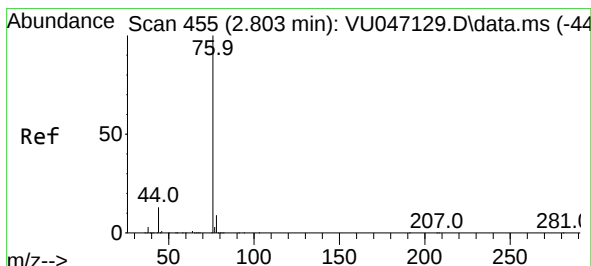
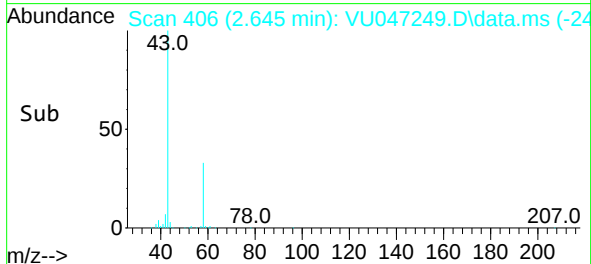
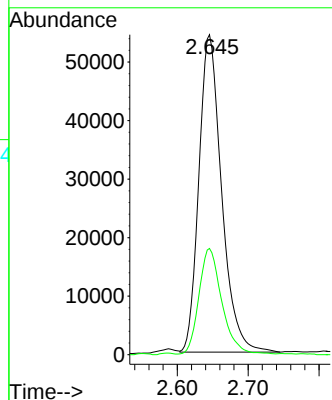
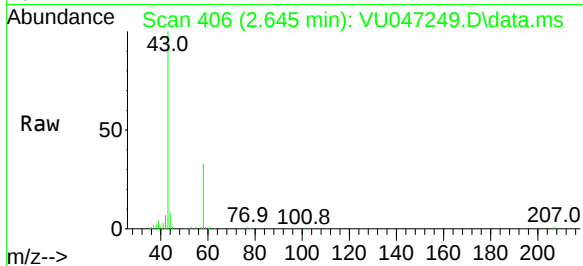
#13
Acetone
Concen: 55.355 ug/l
RT: 2.645 min Scan# 403
Delta R.T. 0.009 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS

Tgt Ion: 43 Resp: 12080
Ion Ratio Lower Upper
43 100
58 33.2 27.1 40.7

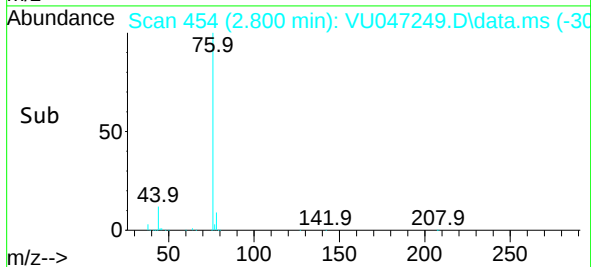
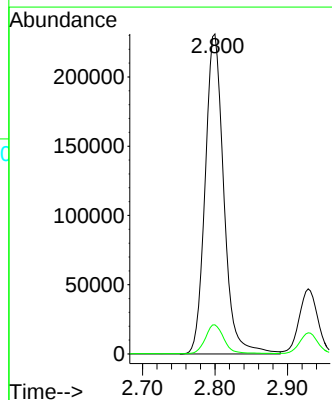
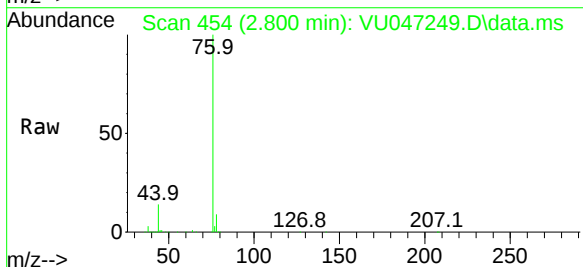
Manual Integrations
APPROVED

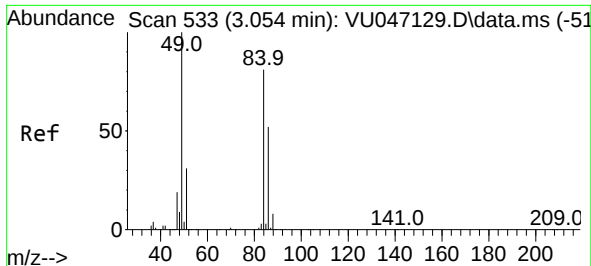
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#14
Carbon Disulfide
Concen: 9.848 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

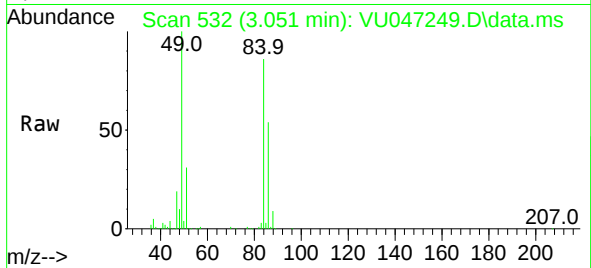
Tgt Ion: 76 Resp: 412728
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7





#15
Methylene Chloride
Concen: 10.302 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

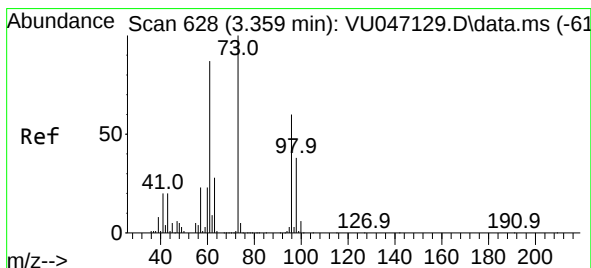
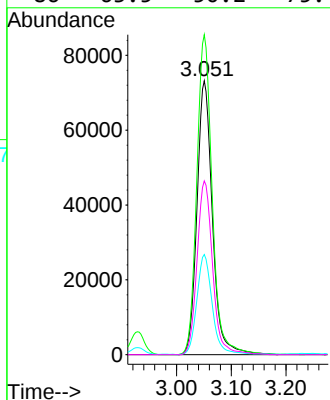
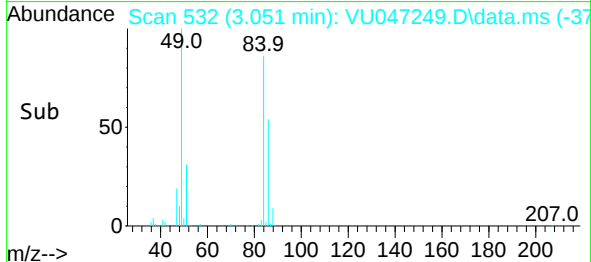
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



Tgt Ion: 84 Resp: 143364
Ion Ratio Lower Upper
84 100
49 116.8 97.2 145.8
51 36.6 0.0 73.4
86 63.5 50.2 75.4

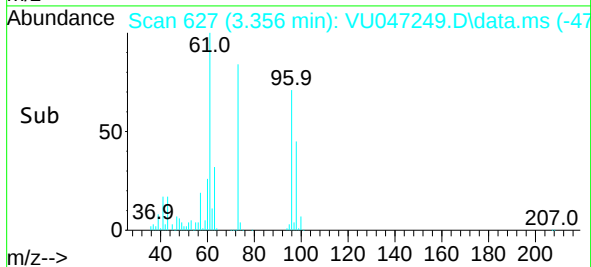
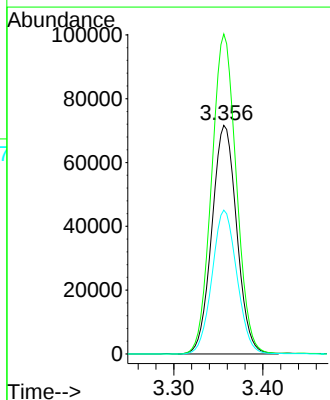
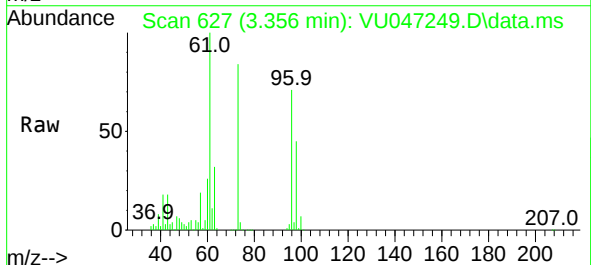
Manual Integrations
APPROVED

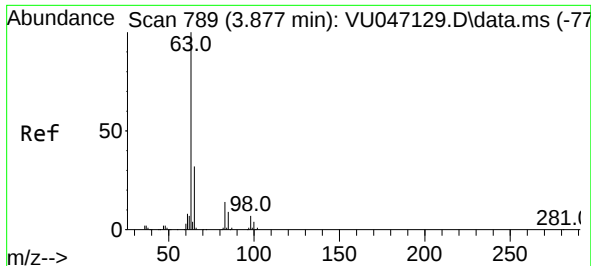
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#16
trans-1,2-Dichloroethene
Concen: 10.627 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

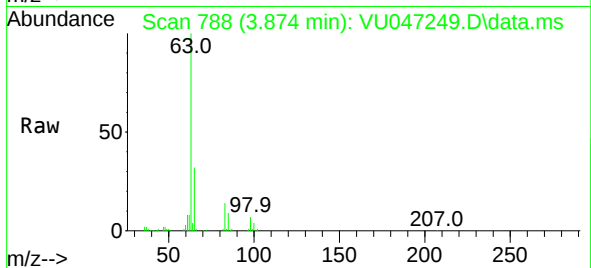
Tgt Ion: 96 Resp: 138973
Ion Ratio Lower Upper
96 100
61 139.9 115.8 173.6
98 62.9 51.1 76.7





#17
1,1-Dichloroethane
Concen: 9.864 ug/l
RT: 3.874 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

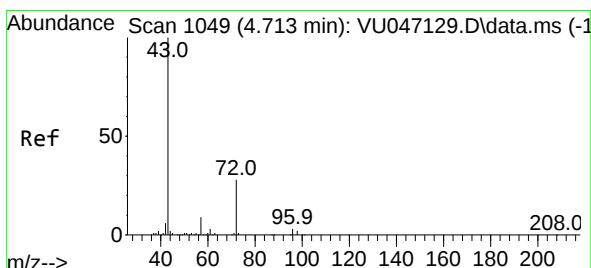
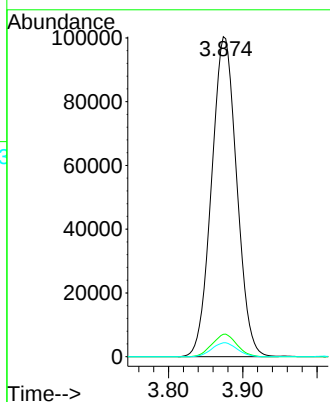
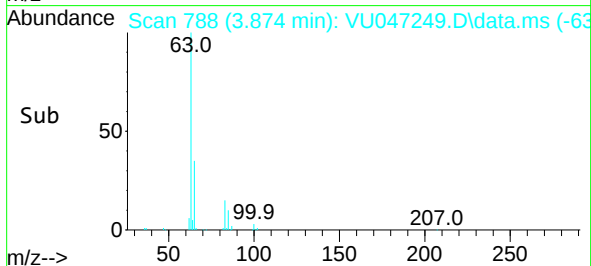
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



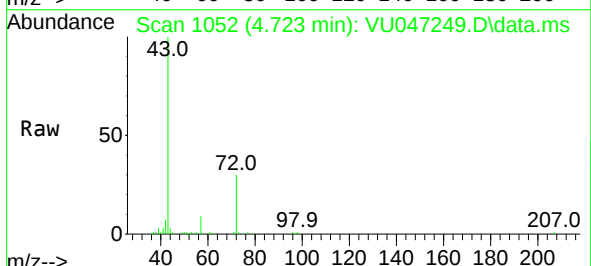
Tgt Ion: 63 Resp: 236334
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.8
100 4.4 2.1 6.5

Manual Integrations
APPROVED

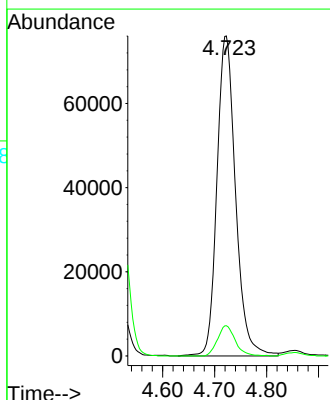
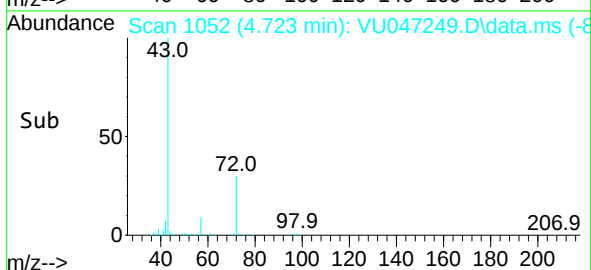
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

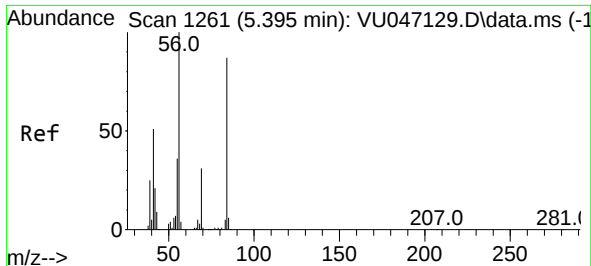


#18
2-Butanone
Concen: 51.602 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.010 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



Tgt Ion: 43 Resp: 189057
Ion Ratio Lower Upper
43 100
57 9.4 0.0 16.6





#19

Cyclohexane

Concen: 9.517 ug/l m

RT: 5.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047249.D

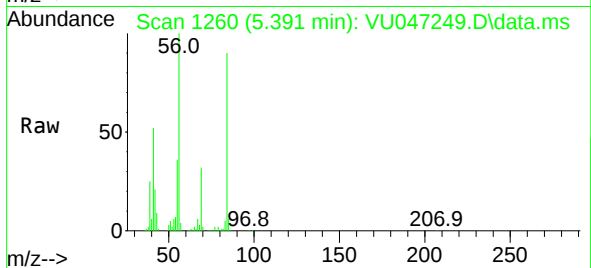
Acq: 23 Feb 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MS



Tgt Ion: 56 Resp: 21125

Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

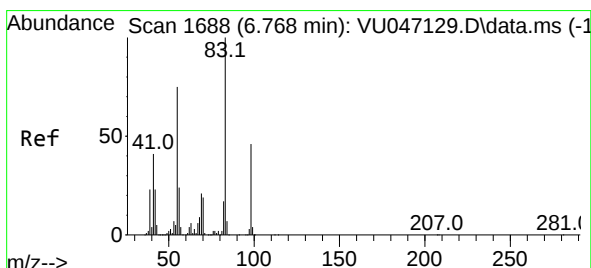
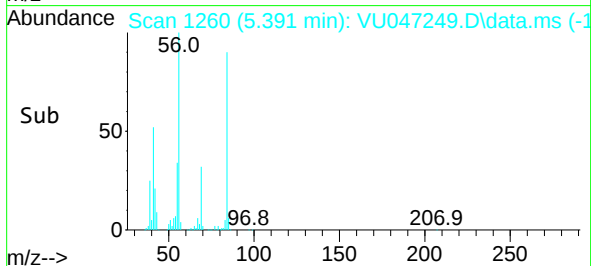
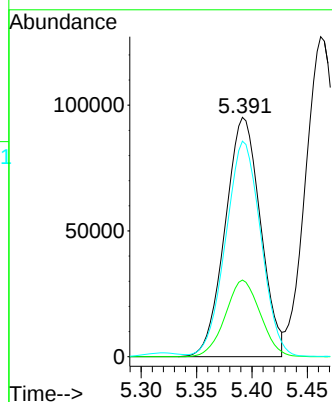
84 88.3 68.8 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#20

Methylcyclohexane

Concen: 9.742 ug/l

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

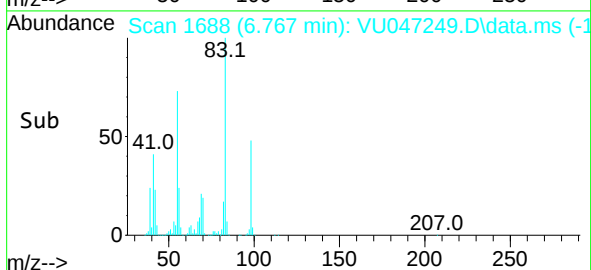
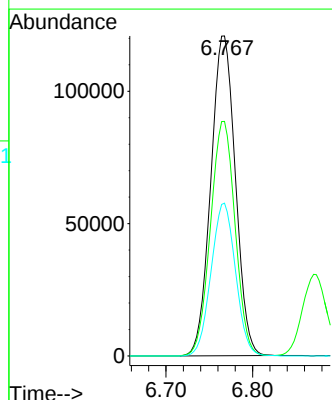
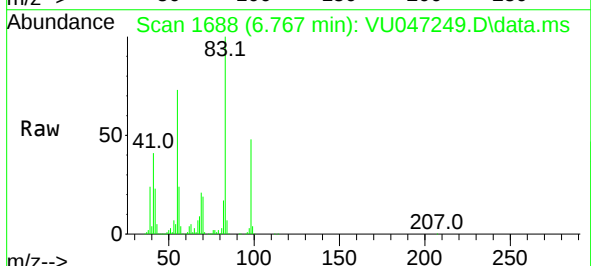
Tgt Ion: 83 Resp: 238345

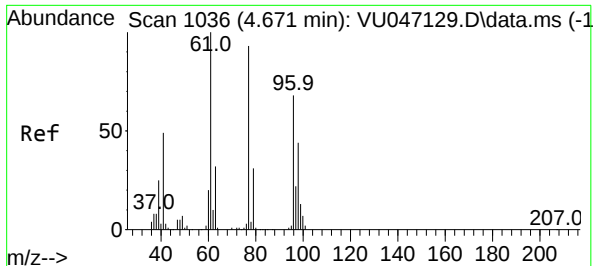
Ion Ratio Lower Upper

83 100

55 73.3 61.9 92.9

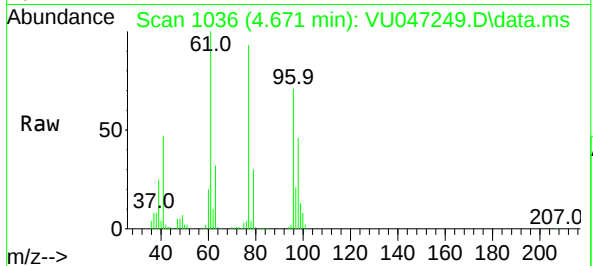
98 47.5 37.4 56.2





#21
2,2-Dichloropropane
Concen: 10.193 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

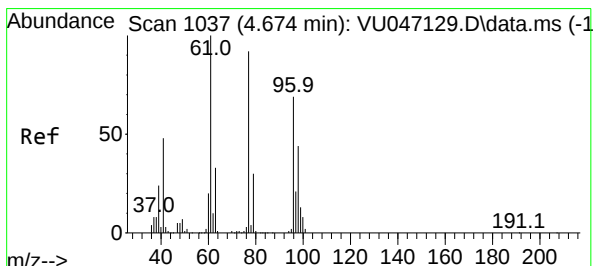
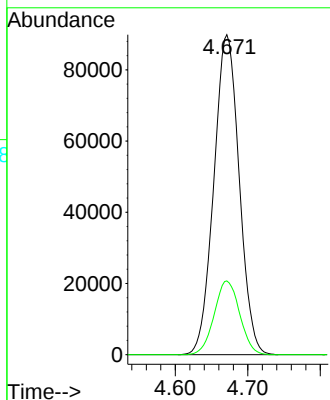
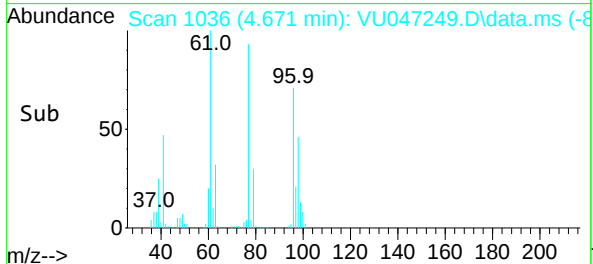
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



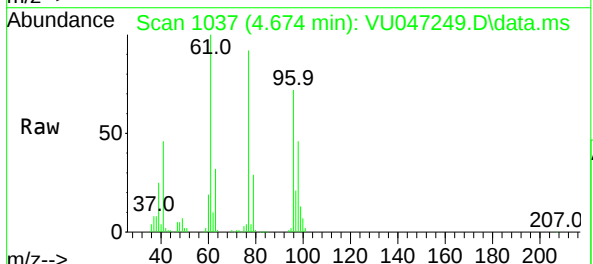
Tgt Ion: 77 Resp: 218260
Ion Ratio Lower Upper
77 100
97 23.2 17.2 25.8

Manual Integrations
APPROVED

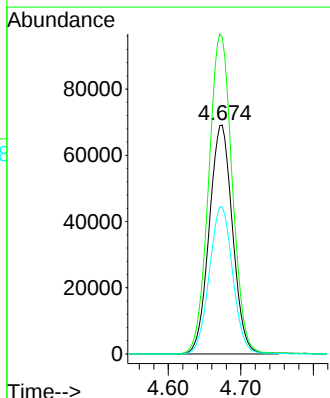
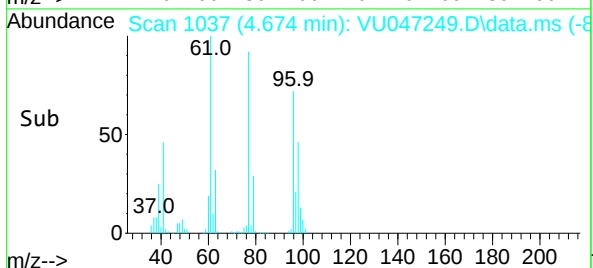
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

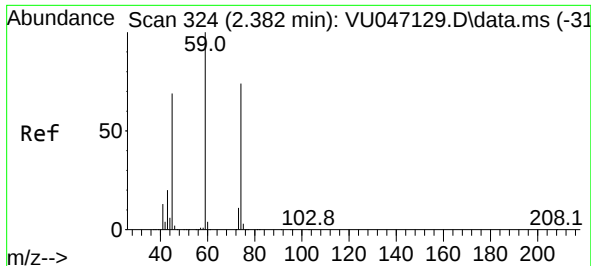


#22
cis-1,2-Dichloroethene
Concen: 10.260 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



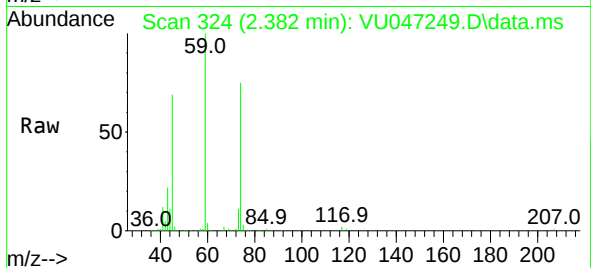
Tgt Ion: 96 Resp: 154306
Ion Ratio Lower Upper
96 100
61 141.0 0.0 385.3
98 64.5 32.1 96.3





#23
Diethyl Ether
Concen: 9.931 ug/l
RT: 2.382 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

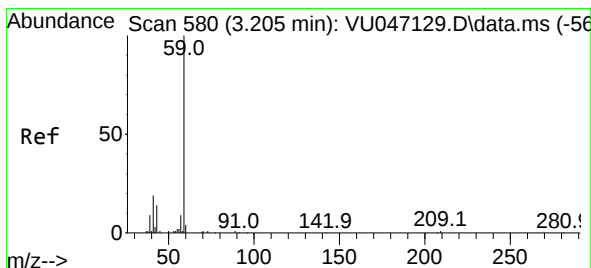
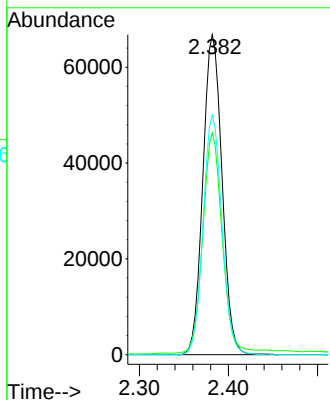
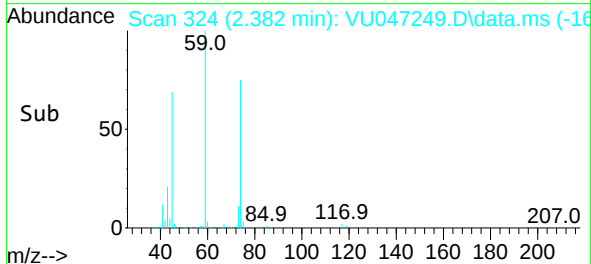
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



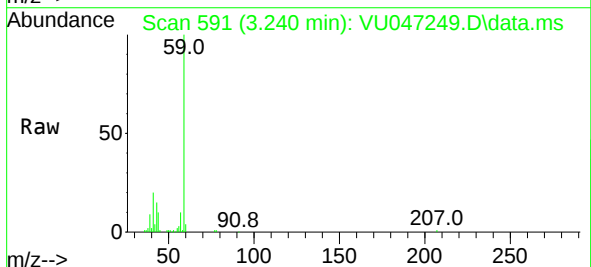
Tgt Ion: 59 Resp: 9944
Ion Ratio Lower Upper
59 100
45 69.6 55.6 83.4
74 73.9 58.1 87.1

Manual Integrations
APPROVED

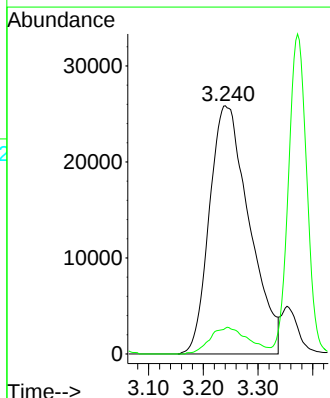
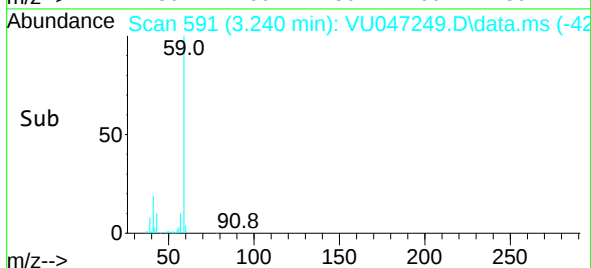
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

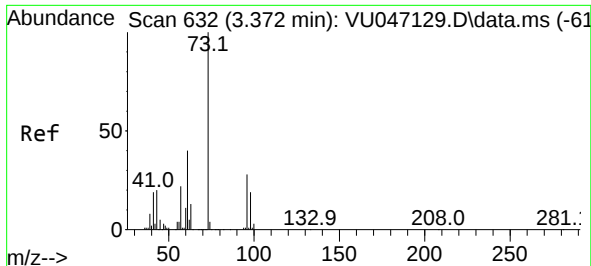


#24
tert-Butyl Alcohol
Concen: 200.297 ug/l
RT: 3.240 min Scan# 591
Delta R.T. 0.035 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



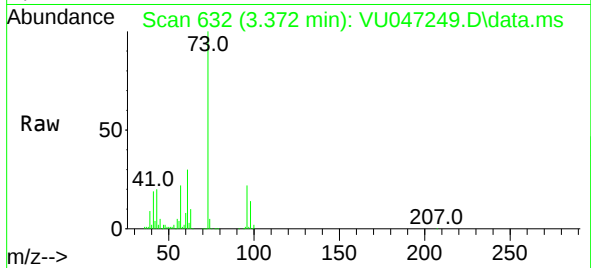
Tgt Ion: 59 Resp: 130447
Ion Ratio Lower Upper
59 100
57 10.4 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 10.096 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

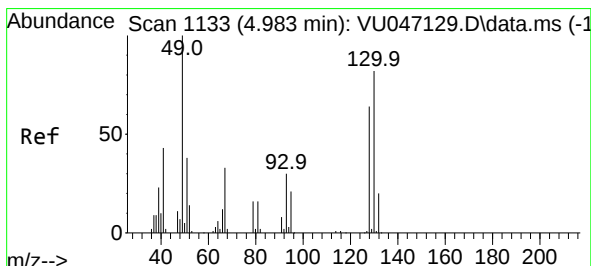
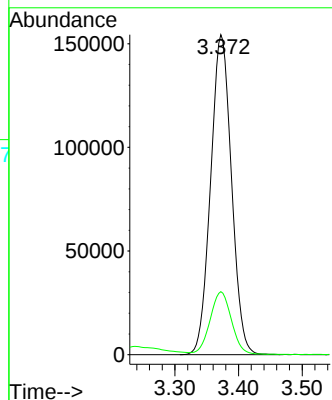
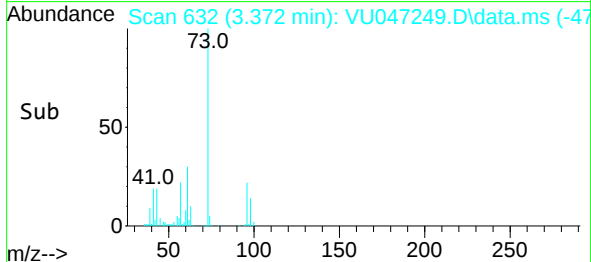
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



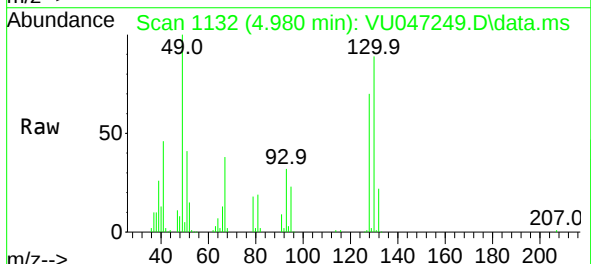
Tgt Ion: 73 Resp: 350804
Ion Ratio Lower Upper
73 100
43 20.0 16.3 24.5

Manual Integrations
APPROVED

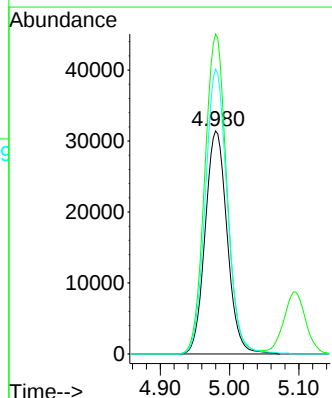
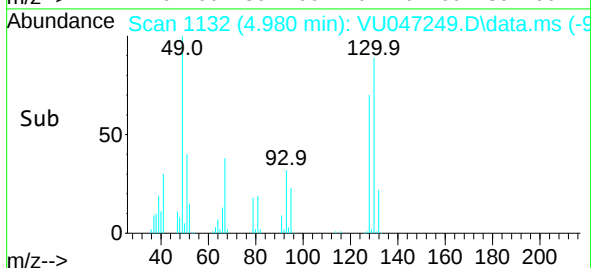
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

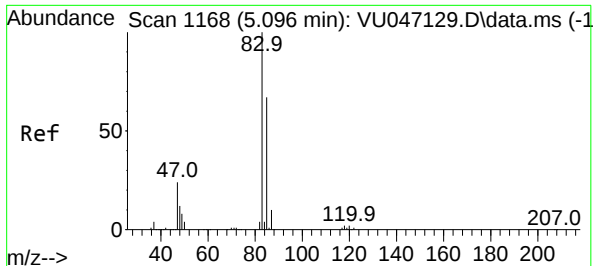


#26
Bromochloromethane
Concen: 10.227 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



Tgt Ion:128 Resp: 69167
Ion Ratio Lower Upper
128 100
49 143.5 0.0 347.4
130 128.2 101.5 152.3





#27

Chloroform

Concen: 10.212 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MS

Tgt Ion: 83 Resp: 248272

Ion Ratio Lower Upper

83 100

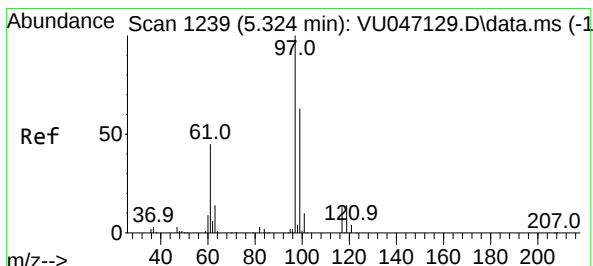
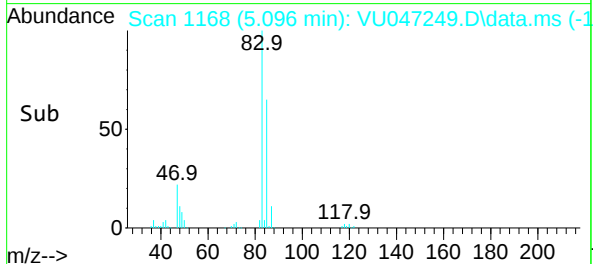
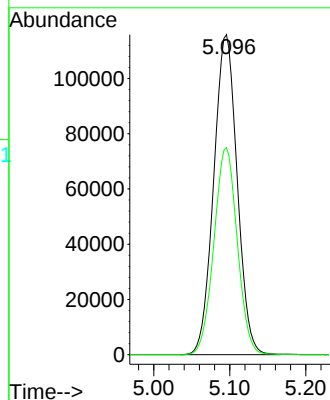
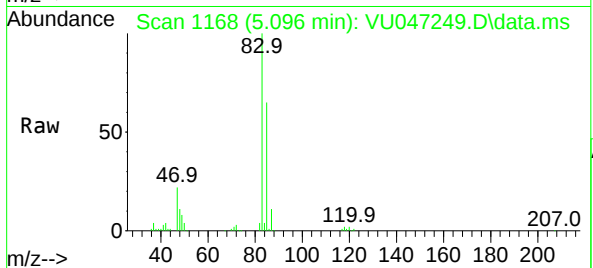
85 64.7 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#28

1,1,1-Trichloroethane

Concen: 10.314 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

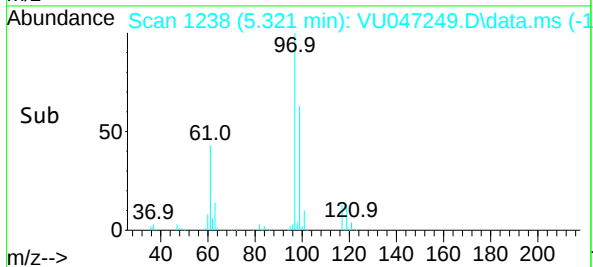
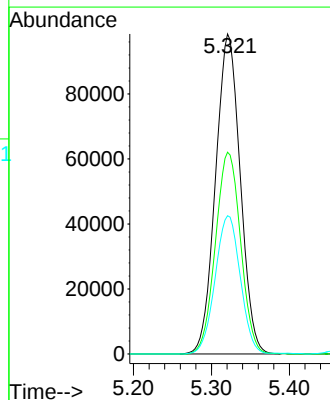
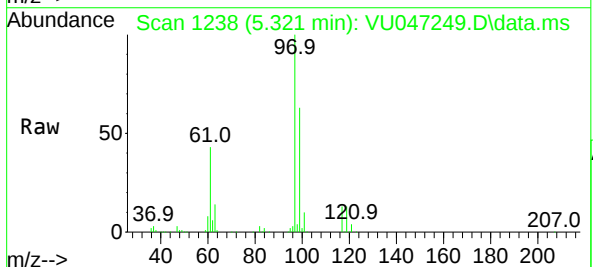
Tgt Ion: 97 Resp: 217074

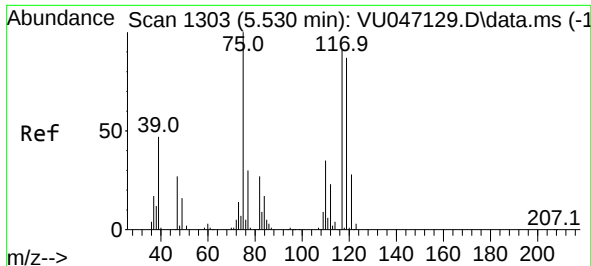
Ion Ratio Lower Upper

97 100

99 64.2 32.2 96.6

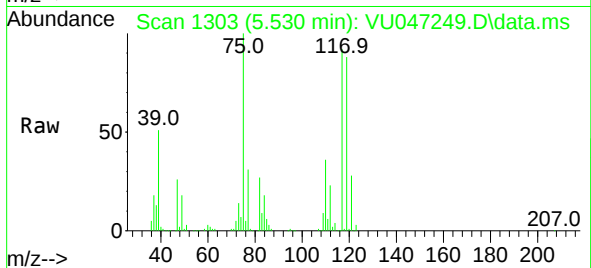
61 44.1 24.5 73.5





#29
1,1-Dichloropropene
Concen: 10.119 ug/l
RT: 5.530 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

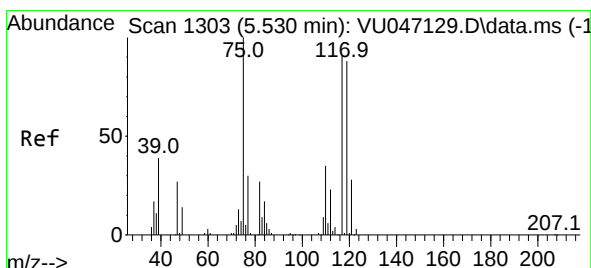
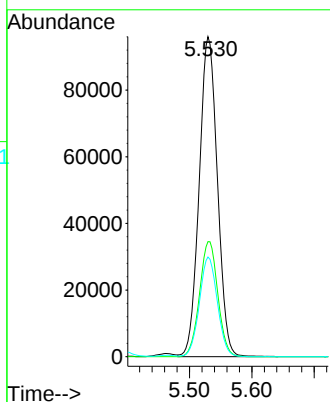
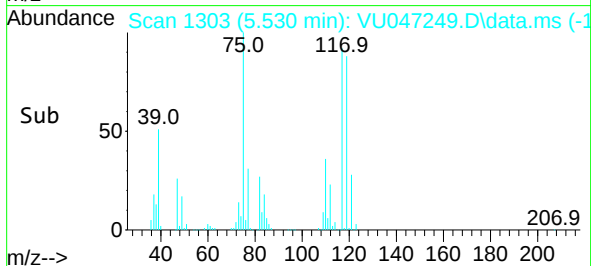
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



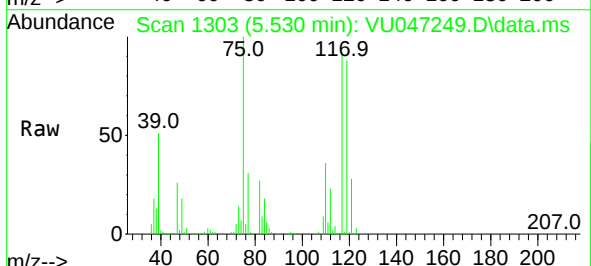
Tgt Ion: 75 Resp: 19497
Ion Ratio Lower Upper
75 100
110 36.0 16.8 50.3
77 30.7 24.7 37.1

Manual Integrations
APPROVED

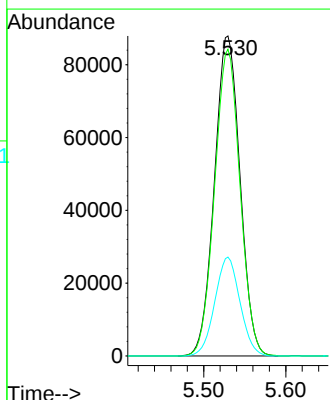
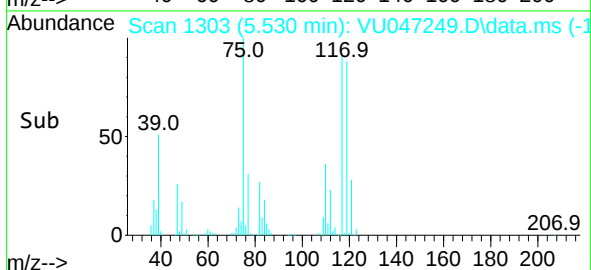
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

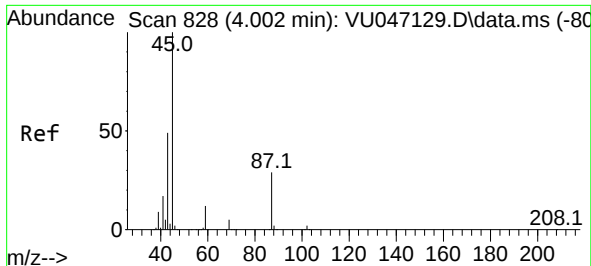


#30
Carbon Tetrachloride
Concen: 10.315 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



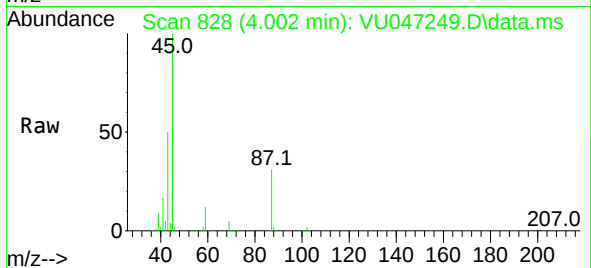
Tgt Ion:117 Resp: 190878
Ion Ratio Lower Upper
117 100
119 95.8 76.8 115.2
121 30.9 24.6 37.0





#31
Isopropyl Ether
Concen: 9.659 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

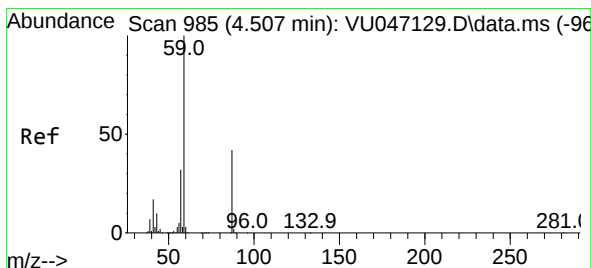
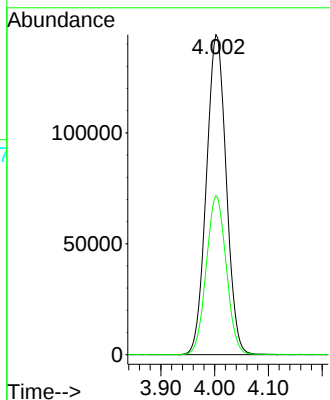
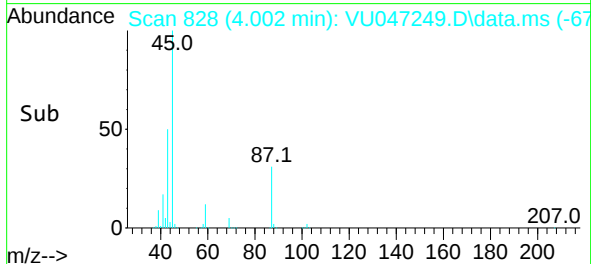
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



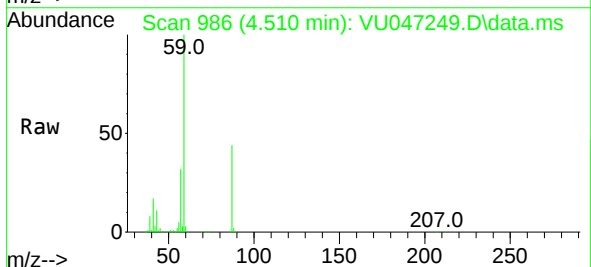
Tgt Ion: 45 Resp: 370150
Ion Ratio Lower Upper
45 100
43 50.1 25.3 75.8

Manual Integrations
APPROVED

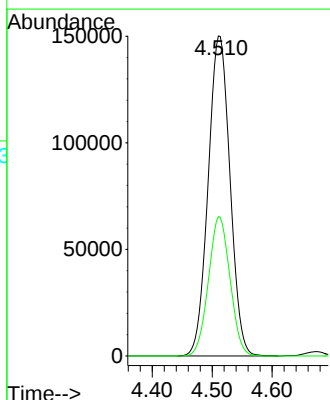
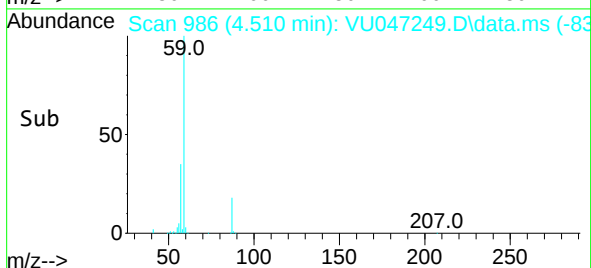
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

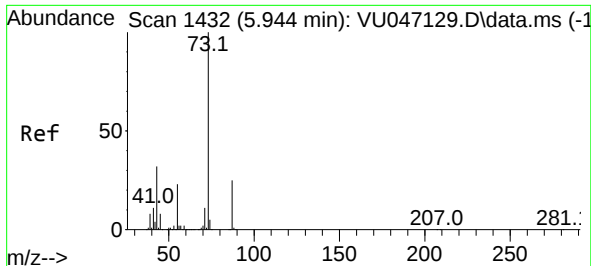


#32
Ethyl-t-butyl ether
Concen: 9.753 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



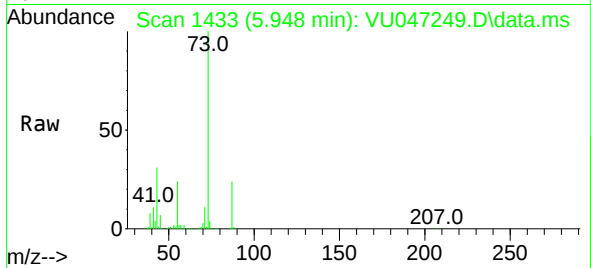
Tgt Ion: 59 Resp: 379932
Ion Ratio Lower Upper
59 100
87 42.9 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 9.464 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

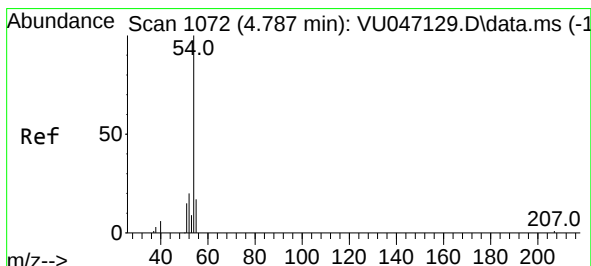
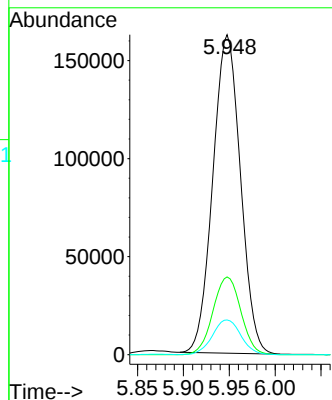
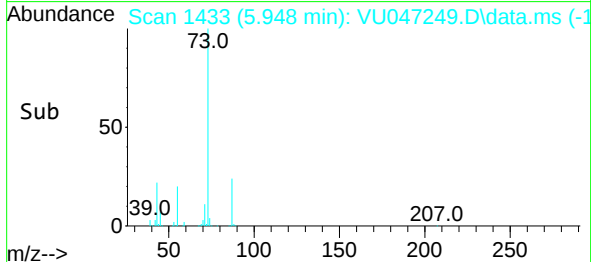
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



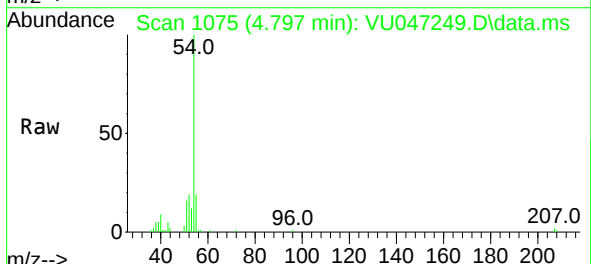
Tgt Ion: 73 Resp: 339570
Ion Ratio Lower Upper
73 100
87 24.8 18.6 28.0
71 11.4 9.0 13.6

Manual Integrations
APPROVED

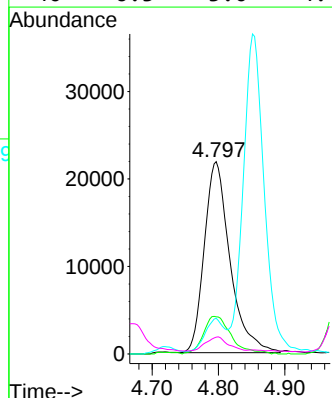
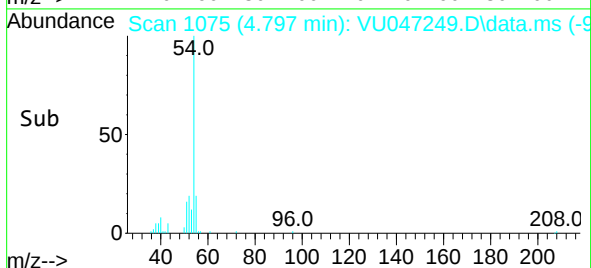
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

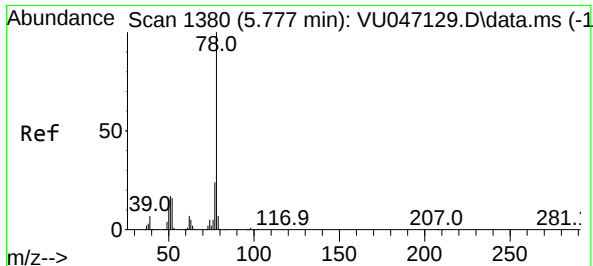


#34
Propionitrile
Concen: 54.187 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.010 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



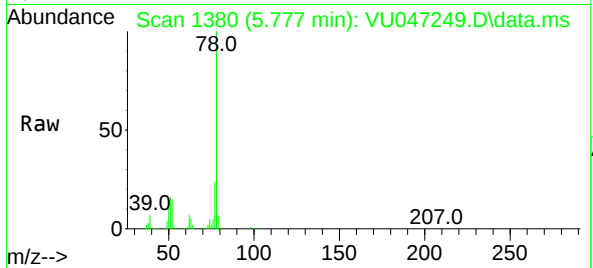
Tgt Ion: 54 Resp: 58912
Ion Ratio Lower Upper
54 100
52 20.7 11.9 17.9#
55 13.2 8.0 12.0#
40 6.3 3.0 4.4#





#35
Benzene
Concen: 10.199 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

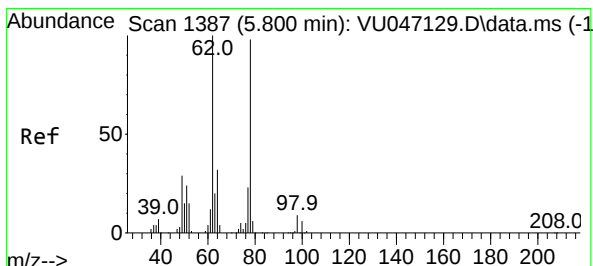
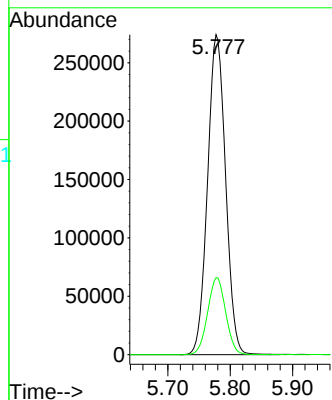
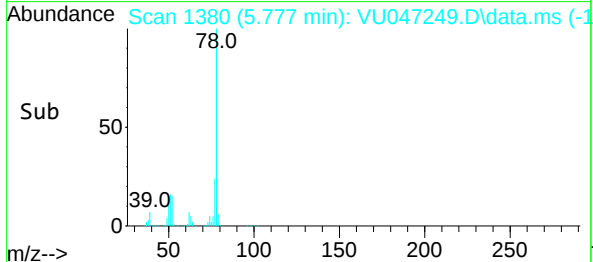
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



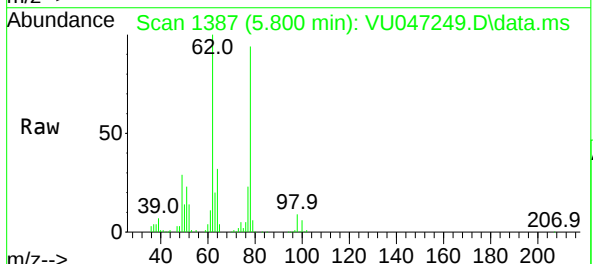
Tgt Ion: 78 Resp: 550679
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

Manual Integrations
APPROVED

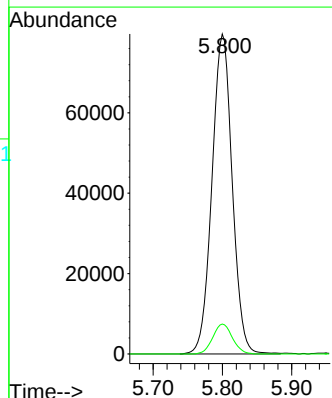
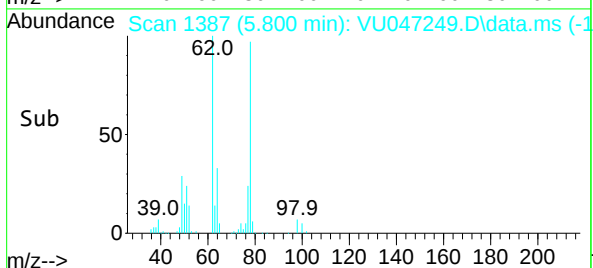
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

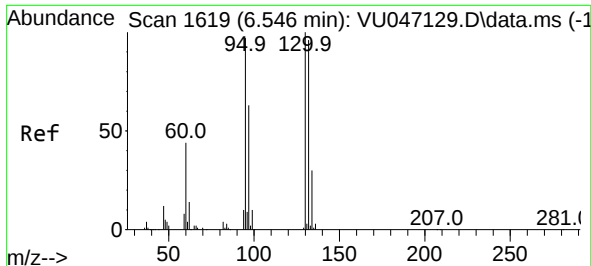


#36
1,2-Dichloroethane
Concen: 9.886 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



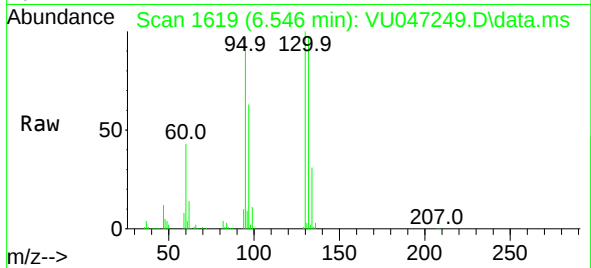
Tgt Ion: 62 Resp: 161612
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#37
Trichloroethene
Concen: 11.233 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

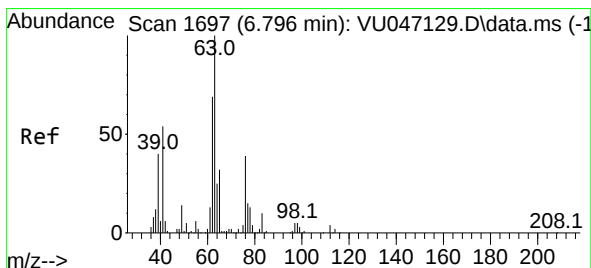
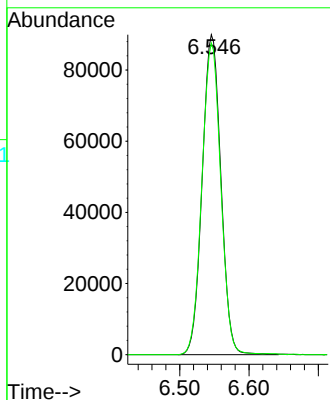
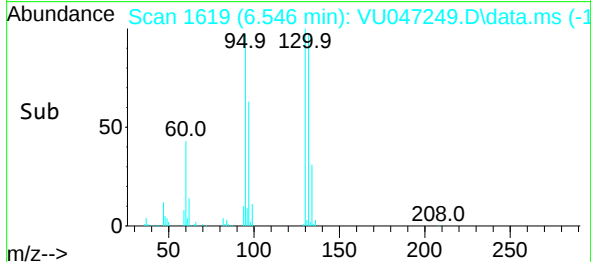
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



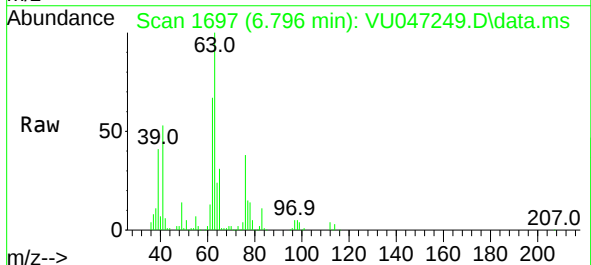
Tgt Ion:130 Resp: 167910
Ion Ratio Lower Upper
130 100
95 97.4 83.8 125.8

Manual Integrations
APPROVED

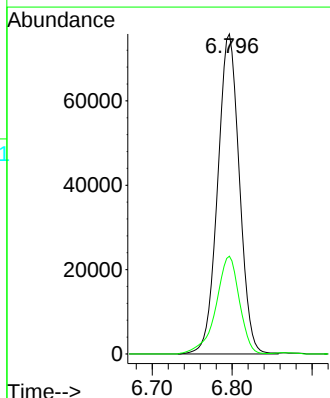
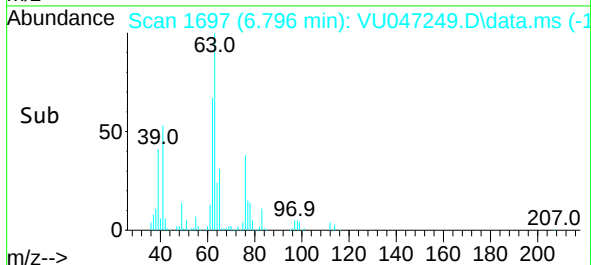
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

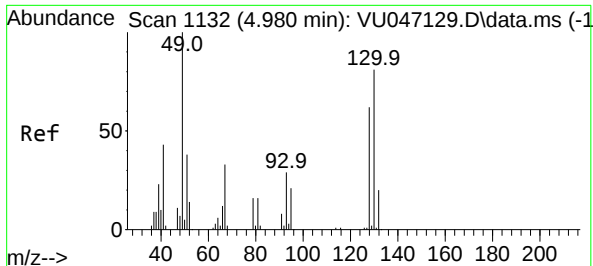


#38
1,2-Dichloropropane
Concen: 9.974 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



Tgt Ion: 63 Resp: 142506
Ion Ratio Lower Upper
63 100
65 30.5 24.7 37.1





#39

Methacrylonitrile

Concen: 9.446 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU047249.D

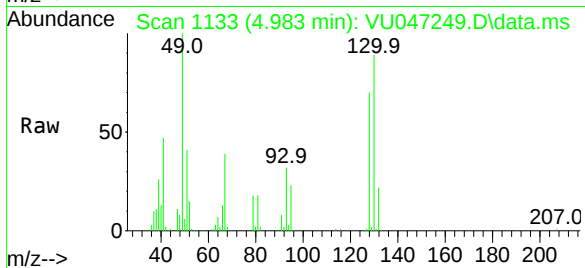
Acq: 23 Feb 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MS



Tgt Ion: 41 Resp: 46510

Ion Ratio Lower Upper

41 100

67 82.6 65.2 97.8

39 55.4 43.0 64.6

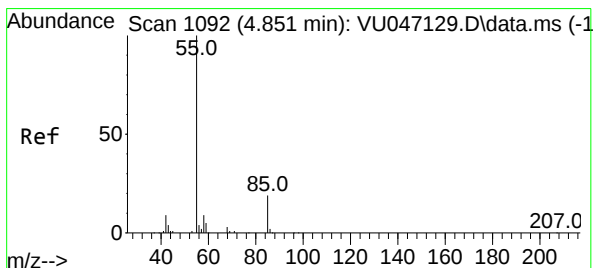
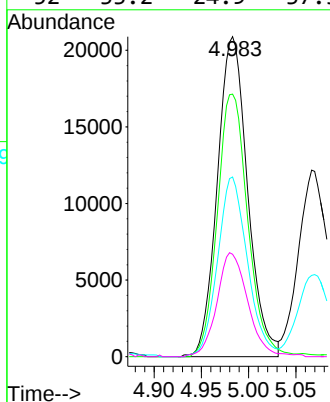
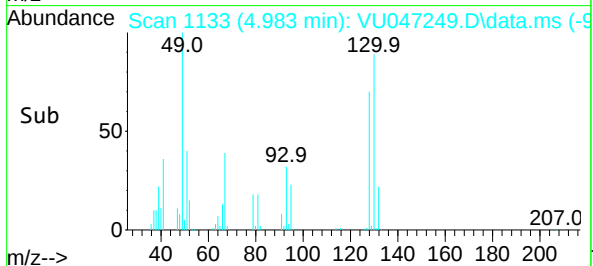
52 33.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#40

Methyl acrylate

Concen: 9.434 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

Tgt Ion: 55 Resp: 78533

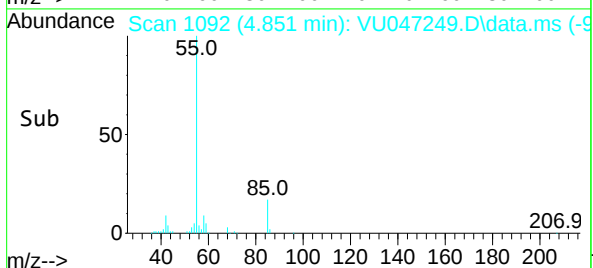
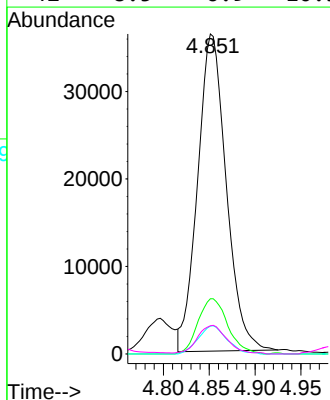
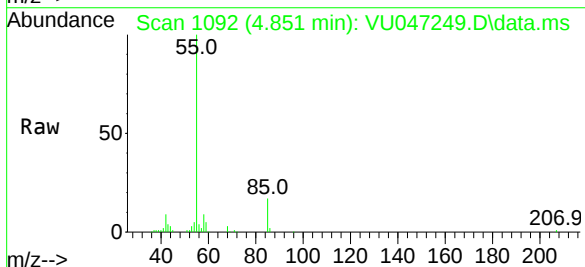
Ion Ratio Lower Upper

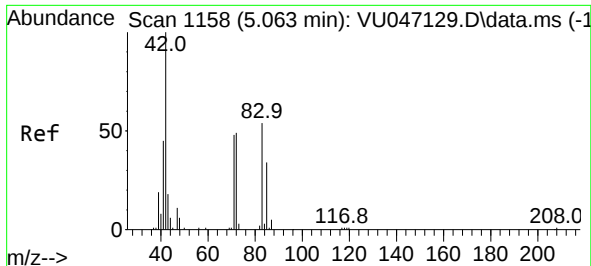
55 100

85 18.1 12.2 18.2

58 8.9 6.7 10.1

42 8.5 6.9 10.3





#41

Tetrahydrofuran

Concen: 18.978 ug/l

RT: 5.067 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VU047249.D

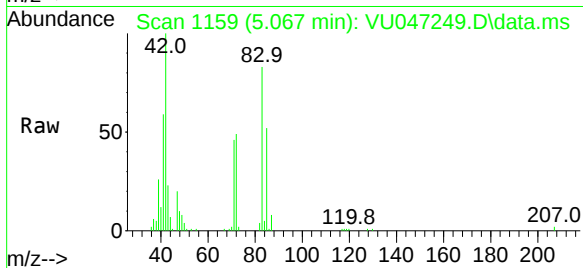
Acq: 23 Feb 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MS

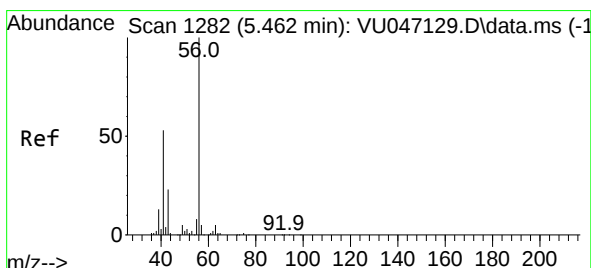
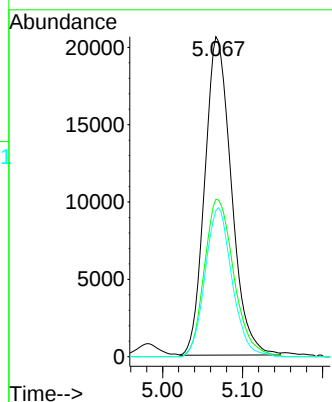
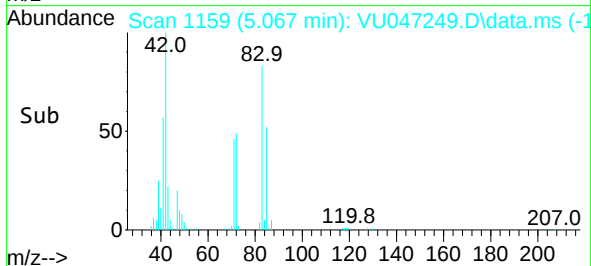


Tgt Ion	Ratio	Lower	Upper
42	100		
72	54.6	42.4	63.6
71	47.3	36.4	54.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#42

1-Chlorobutane

Concen: 9.913 ug/l

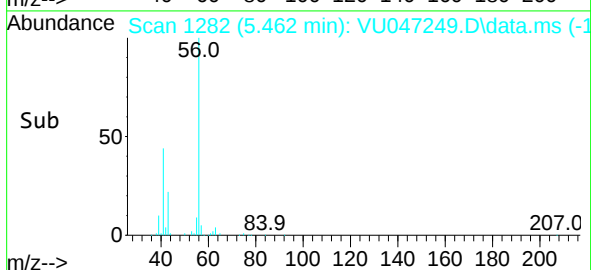
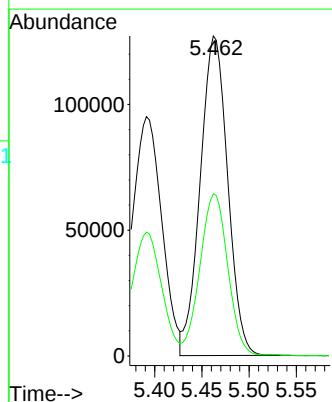
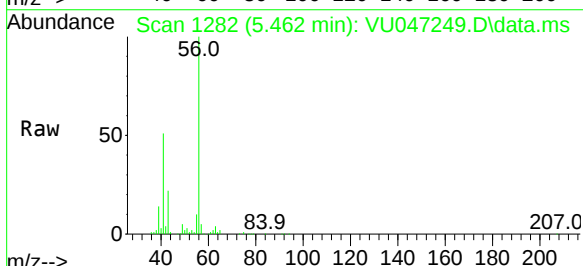
RT: 5.462 min Scan# 1282

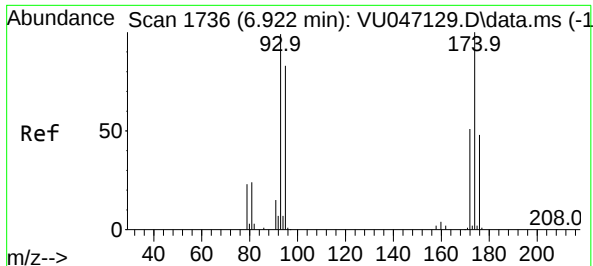
Delta R.T. -0.000 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

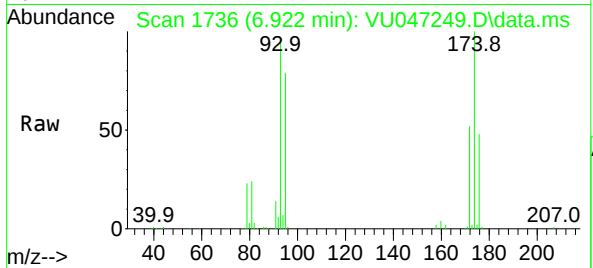
Tgt Ion	Ratio	Lower	Upper
56	100		
41	50.9	26.0	78.0





#43
Dibromomethane
Concen: 9.970 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

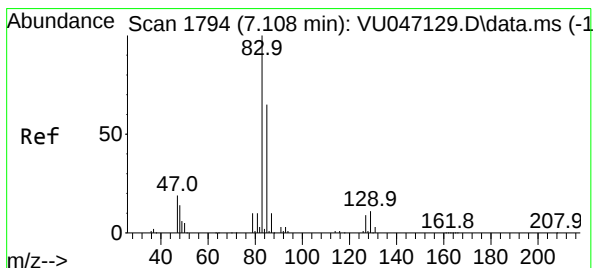
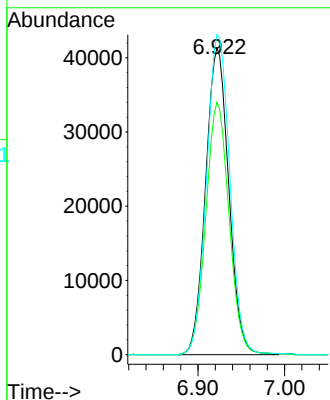
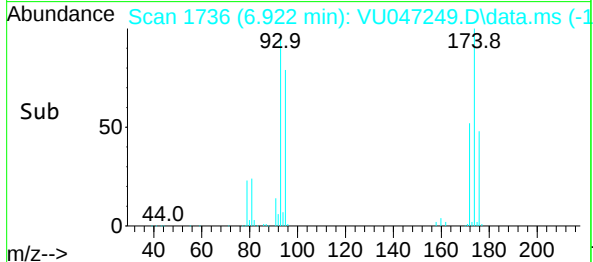
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



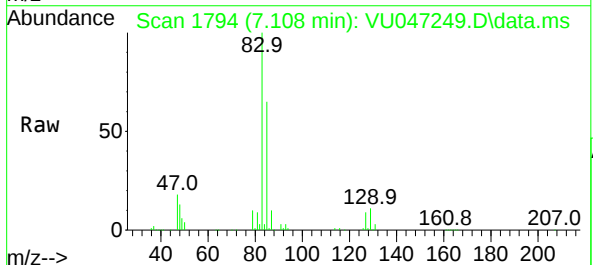
Tgt Ion: 93 Resp: 7682
Ion Ratio Lower Upper
93 100
95 82.8 66.2 99.2
174 105.2 70.7 106.1

Manual Integrations
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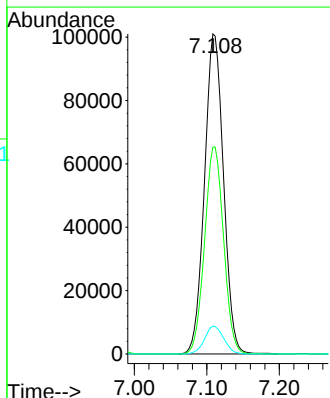
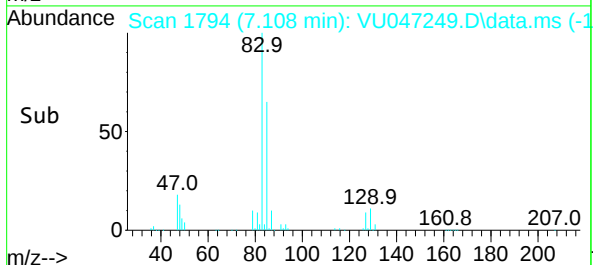
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

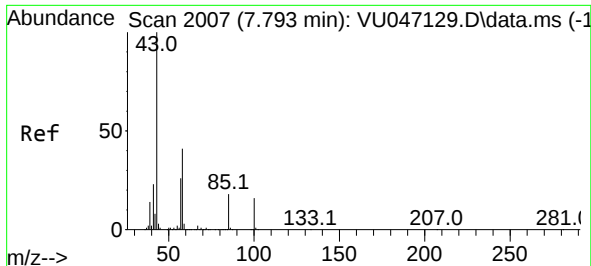


#44
Bromodichloromethane
Concen: 10.085 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



Tgt Ion: 83 Resp: 183783
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3
127 8.7 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 42.821 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047249.D

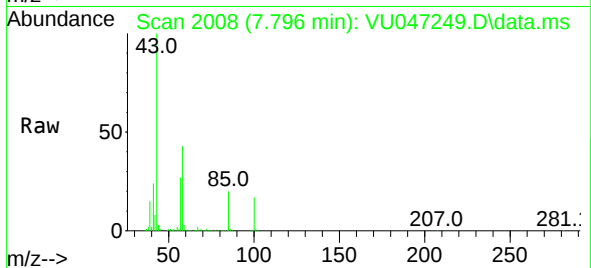
Acq: 23 Feb 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MS



Tgt Ion: 43 Resp: 446269

Ion Ratio Lower Upper

43 100

58 43.0 21.0 63.0

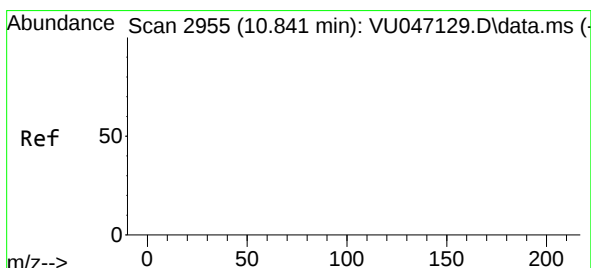
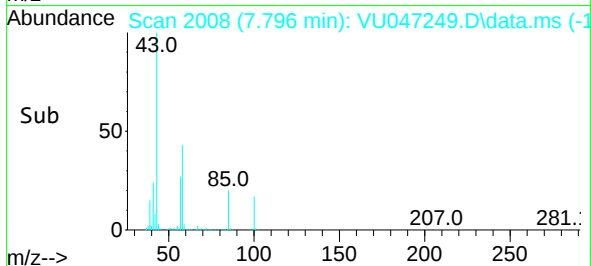
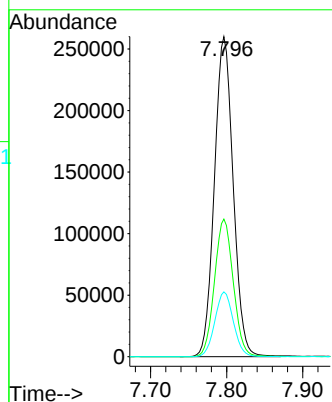
85 20.0 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#46

t-1,4-Dichloro-2-butene

Concen: 21.044 ug/l m

RT: 10.841 min Scan# 2955

Delta R.T. -0.000 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

Tgt Ion: 75 Resp: 95472

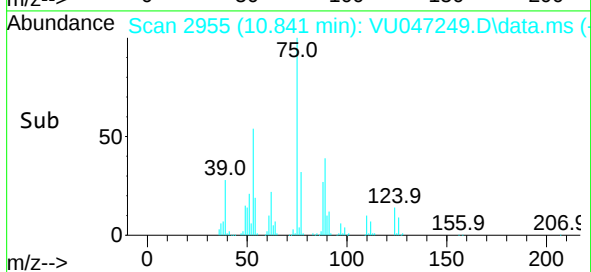
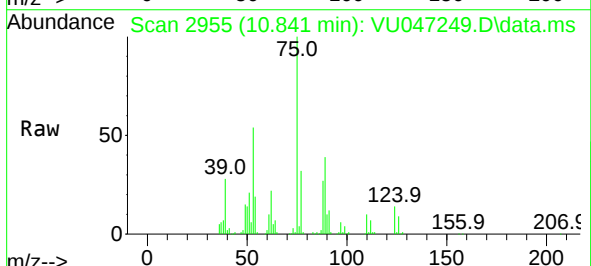
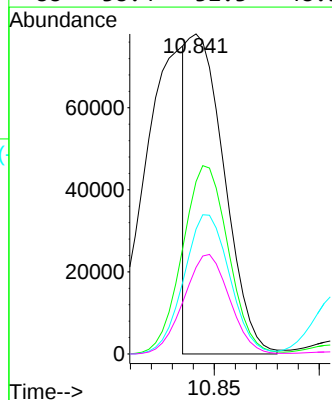
Ion Ratio Lower Upper

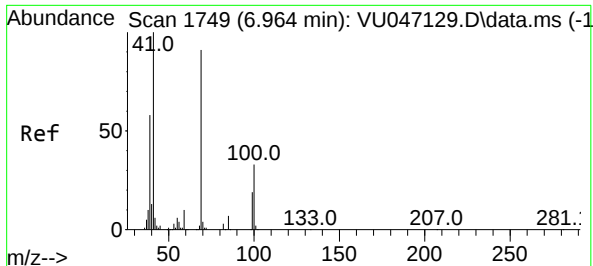
75 100

53 73.4 66.8 100.2

89 54.2 41.7 62.5

88 38.4 32.3 48.5





#47

Methyl methacrylate

Concen: 18.569 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU047249.D

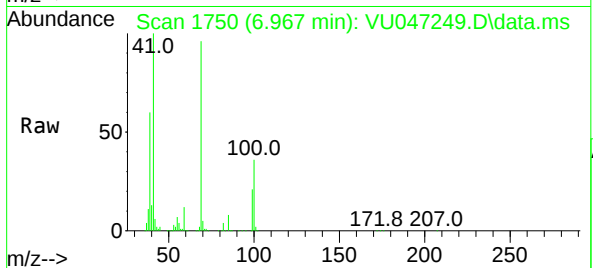
Acq: 23 Feb 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MS



Tgt Ion: 69 Resp: 150050

Ion Ratio Lower Upper

69 100

41 104.7 0.0 230.0

39 63.1 55.1 82.7

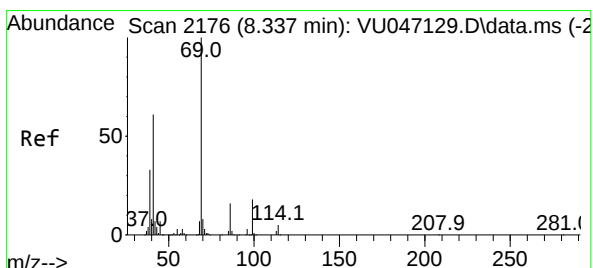
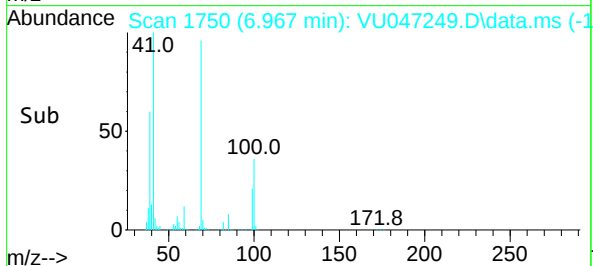
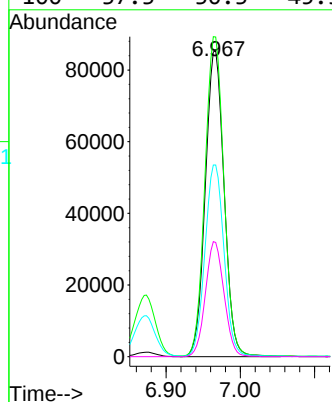
100 37.3 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#48

Ethyl methacrylate

Concen: 9.232 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. -0.000 min

Lab File: VU047249.D

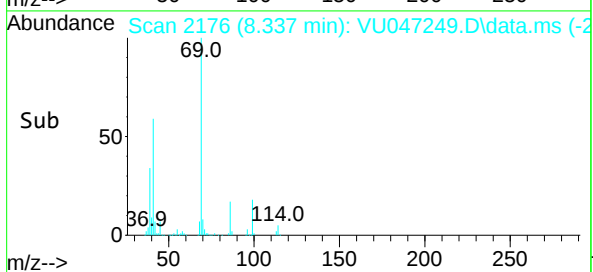
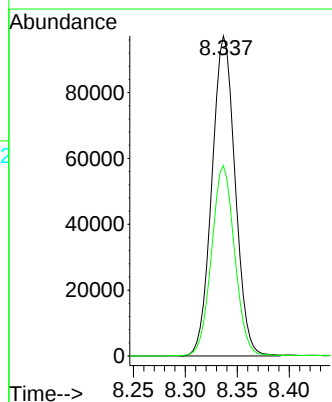
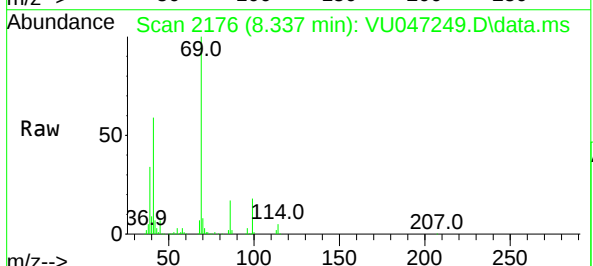
Acq: 23 Feb 2022 14:16

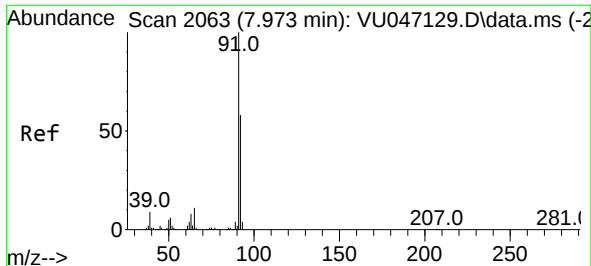
Tgt Ion: 69 Resp: 151226

Ion Ratio Lower Upper

69 100

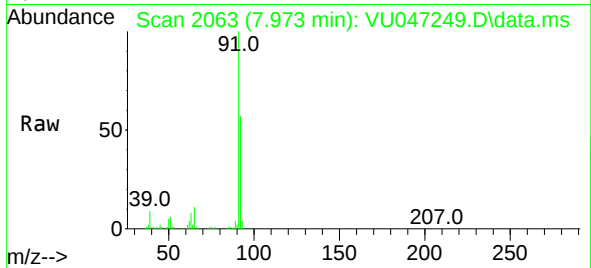
41 59.2 32.6 98.0





#49
Toluene
Concen: 10.163 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

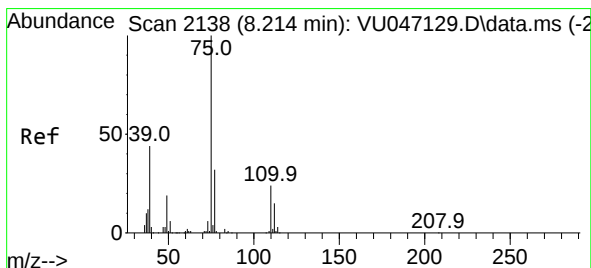
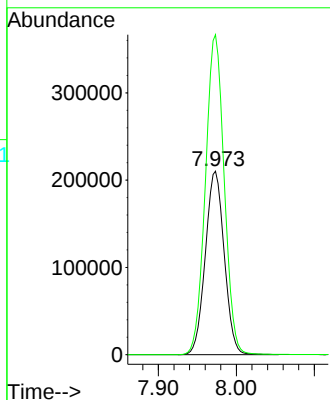
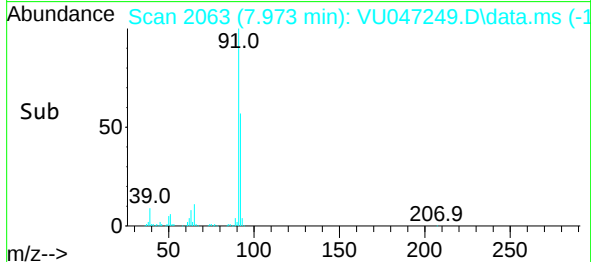
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



Tgt Ion: 92 Resp: 353970
Ion Ratio Lower Upper
92 100
91 173.5 136.8 205.2

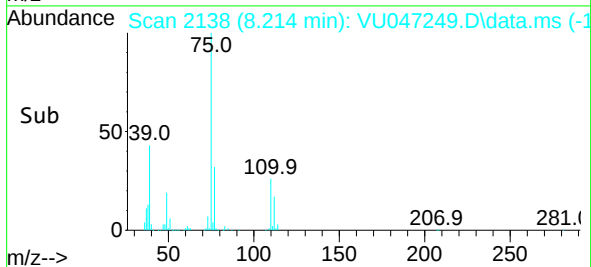
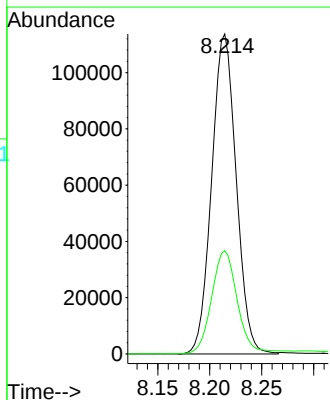
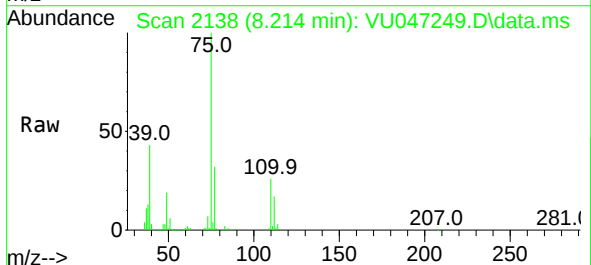
Manual Integrations
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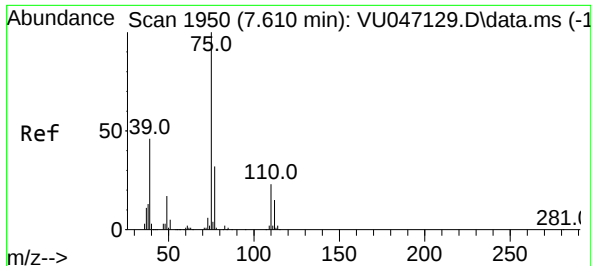
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#50
t-1,3-Dichloropropene
Concen: 9.469 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

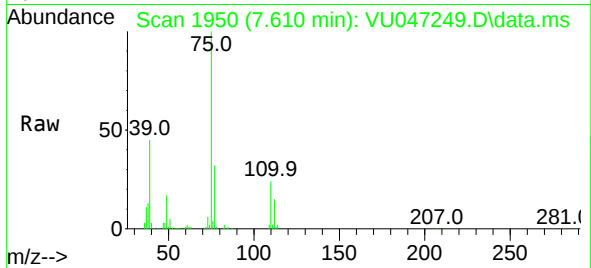
Tgt Ion: 75 Resp: 186779
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4





#51
 cis-1,3-Dichloropropene
 Concen: 9.794 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU047249.D
 Acq: 23 Feb 2022 14:16

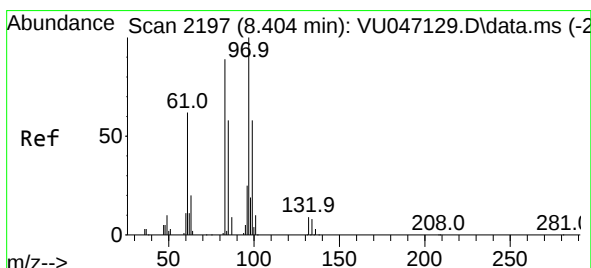
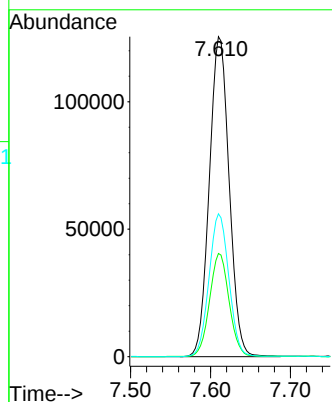
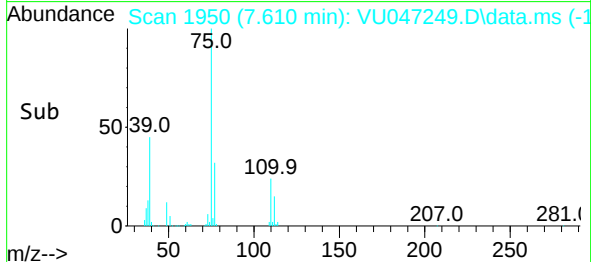
Instrument : MSVOA_U
 ClientSampleId : PW-B6-L10-U-022222MS



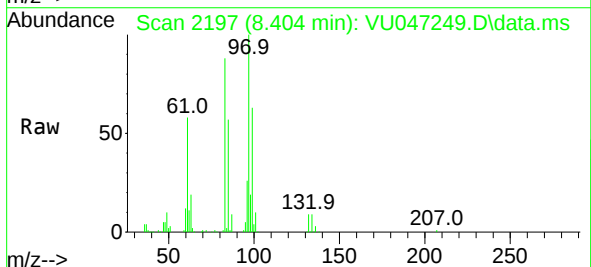
Tgt Ion: 75 Resp: 21658
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8
 39 44.7 38.6 57.8

Manual Integrations
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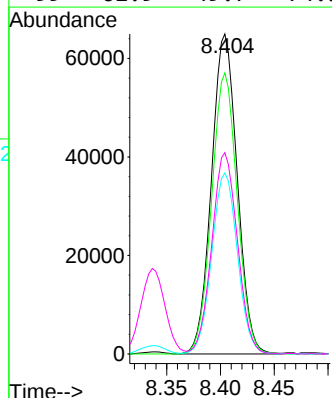
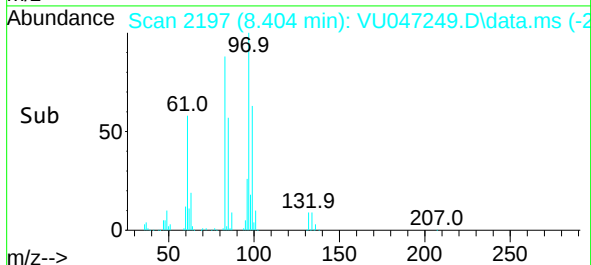
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

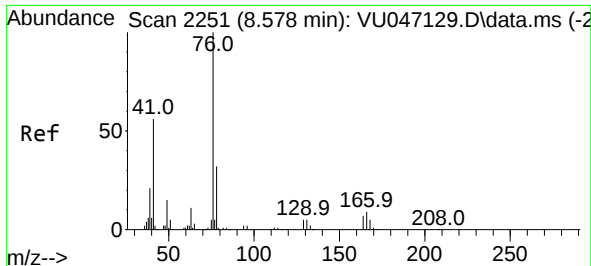


#52
 1,1,2-Trichloroethane
 Concen: 9.853 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. -0.000 min
 Lab File: VU047249.D
 Acq: 23 Feb 2022 14:16



Tgt Ion: 97 Resp: 108322
 Ion Ratio Lower Upper
 97 100
 83 87.9 69.8 104.8
 85 56.5 44.2 66.4
 99 62.9 49.7 74.5





#53

1,3-Dichloropropane

Concen: 9.479 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MS

Tgt Ion: 76 Resp: 18620

Ion Ratio Lower Upper

76 100

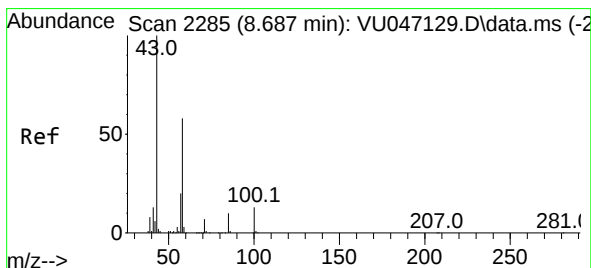
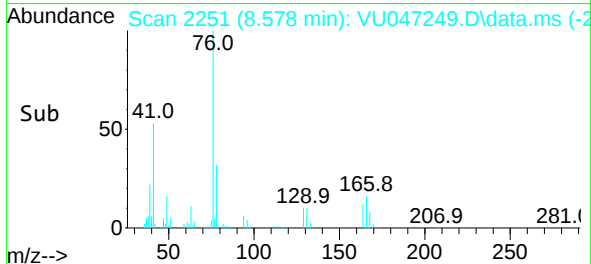
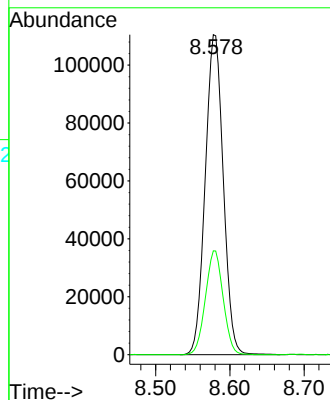
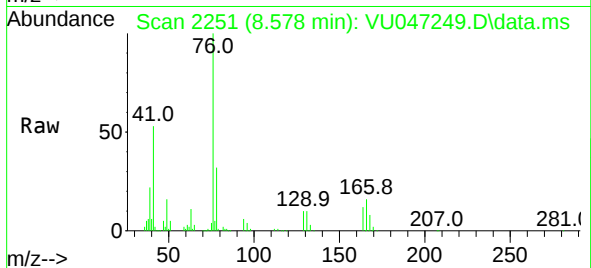
78 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#54

2-Hexanone

Concen: 41.424 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

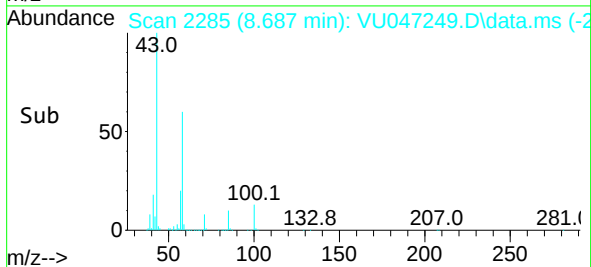
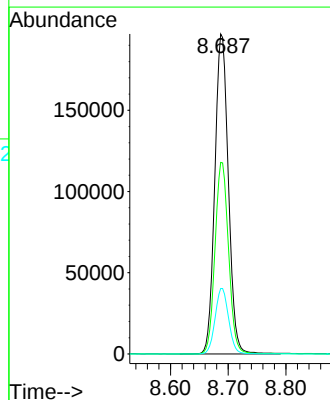
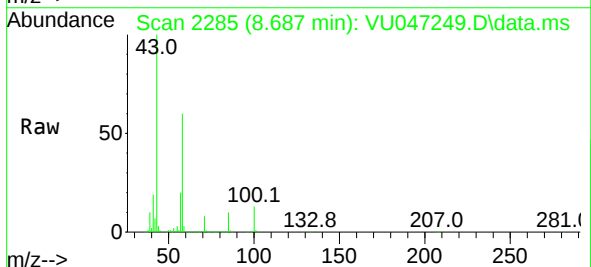
Tgt Ion: 43 Resp: 321623

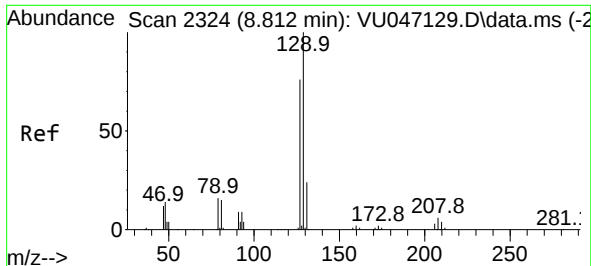
Ion Ratio Lower Upper

43 100

58 59.7 37.7 77.7

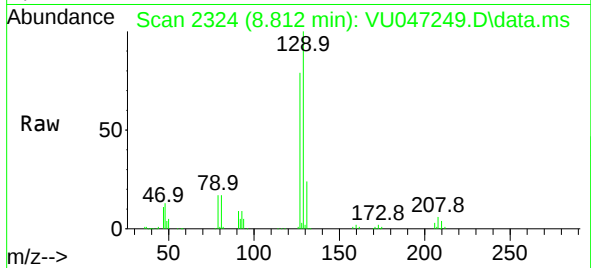
57 20.3 0.5 40.5





#55
Dibromochloromethane
Concen: 9.785 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

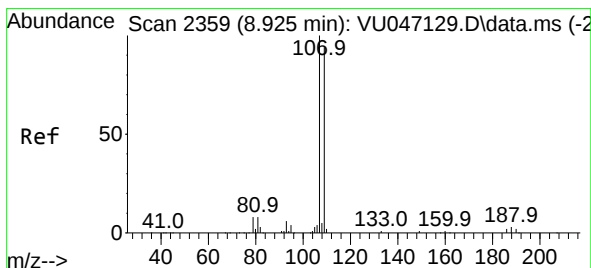
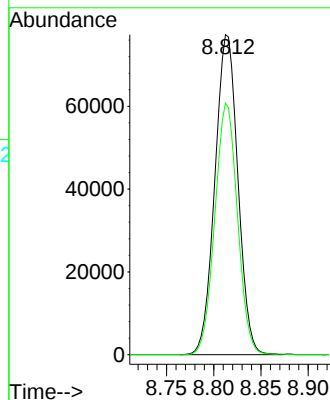
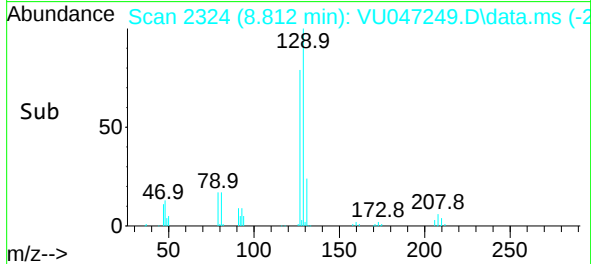
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



Tgt Ion:129 Resp: 130788
Ion Ratio Lower Upper
129 100
127 77.3 62.2 93.4

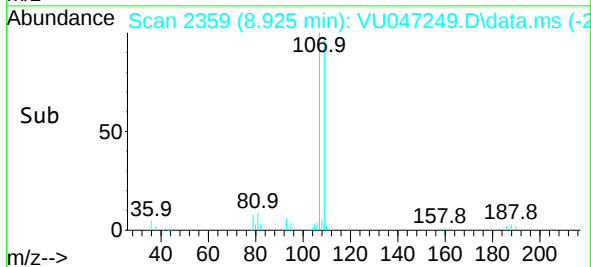
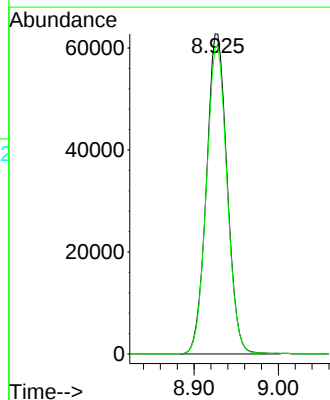
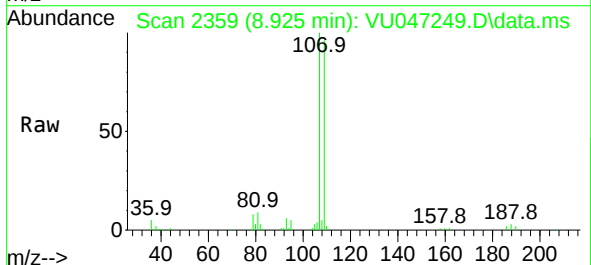
Manual Integrations
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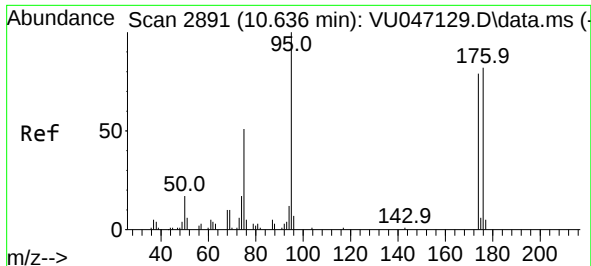
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#56
1,2-Dibromoethane
Concen: 9.647 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

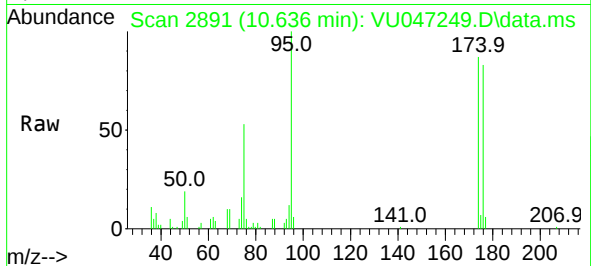
Tgt Ion:107 Resp: 107185
Ion Ratio Lower Upper
107 100
109 96.1 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.938 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

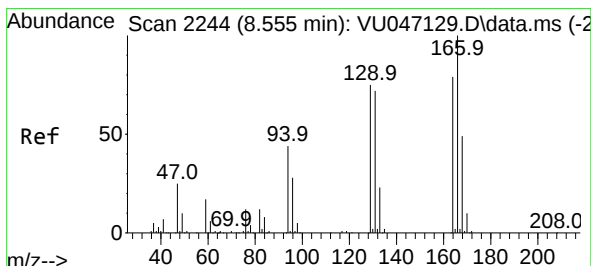
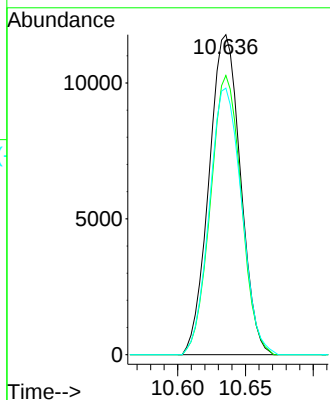
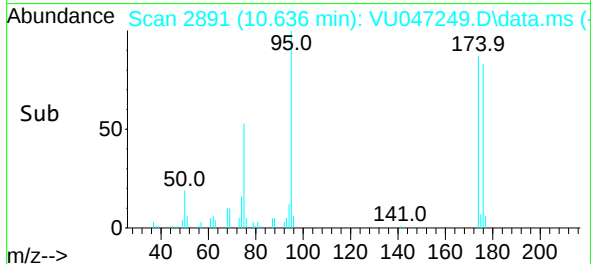
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MS



Tgt Ion: 95 Resp: 19049
Ion Ratio Lower Upper
95 100
174 85.3 56.6 84.8
176 85.0 54.3 81.5

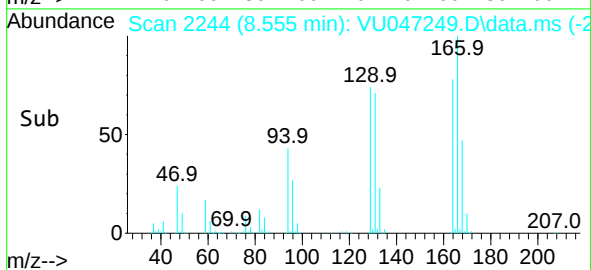
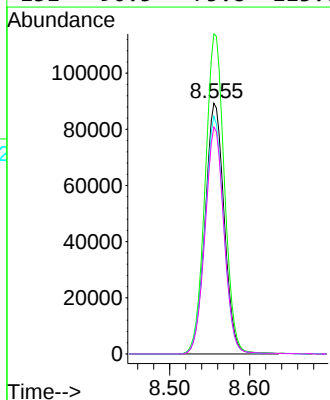
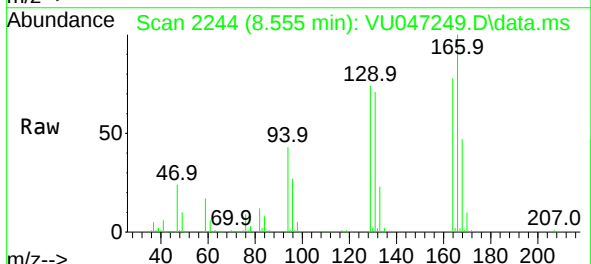
Manual Integrations
APPROVED

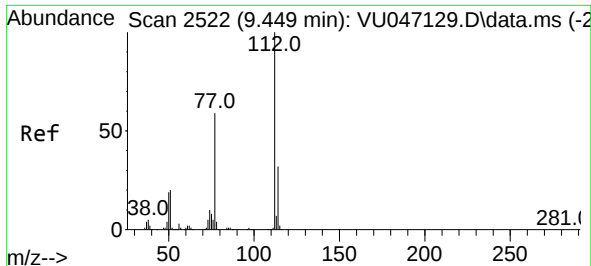
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#58
Tetrachloroethene
Concen: 10.737 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

Tgt Ion:164 Resp: 148106
Ion Ratio Lower Upper
164 100
166 127.6 102.0 153.0
129 94.7 77.1 115.7
131 90.5 75.8 113.6





#59

Chlorobenzene

Concen: 9.992 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047249.D

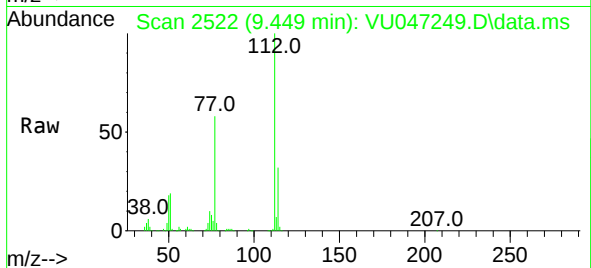
Acq: 23 Feb 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MS



Tgt Ion:112 Resp: 387999

Ion Ratio Lower Upper

112 100

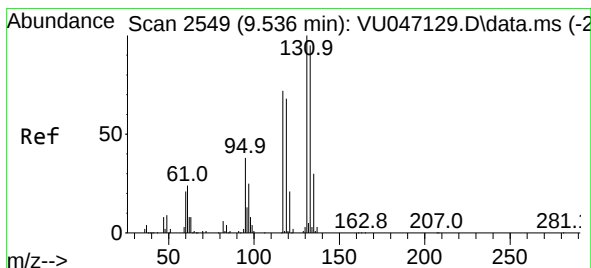
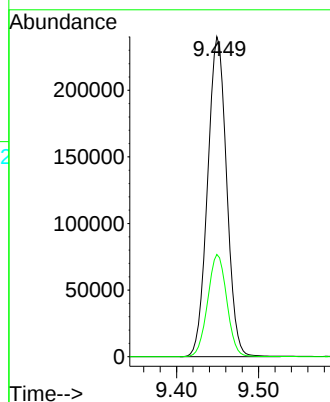
114 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 10.493 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.000 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

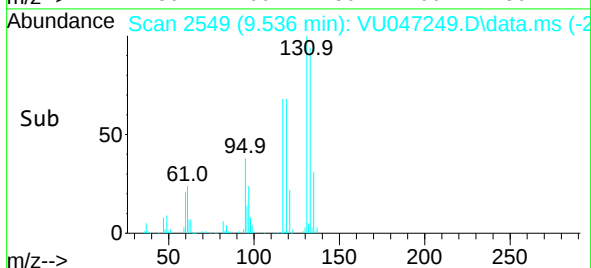
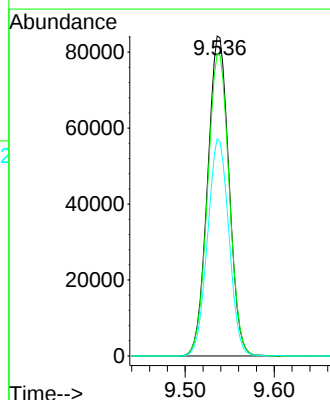
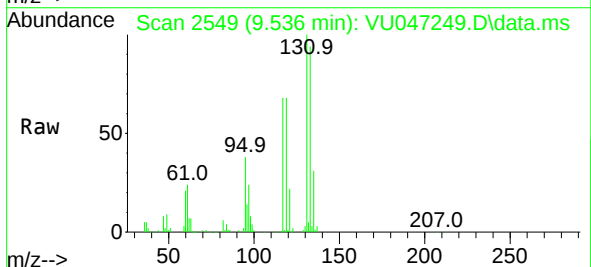
Tgt Ion:131 Resp: 140050

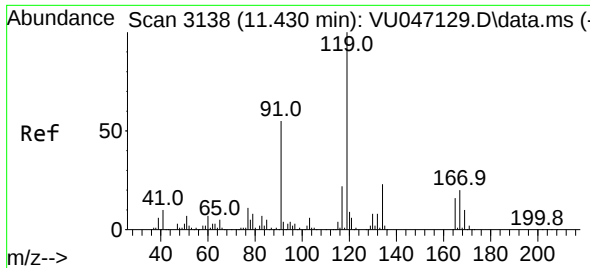
Ion Ratio Lower Upper

131 100

133 95.6 76.0 114.0

119 67.7 54.9 82.3





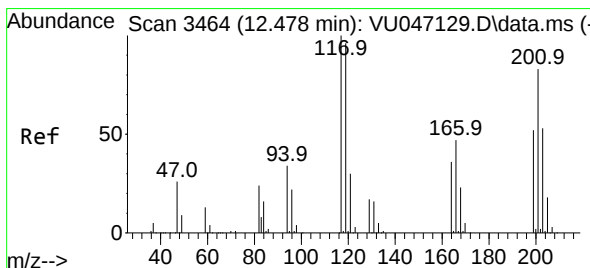
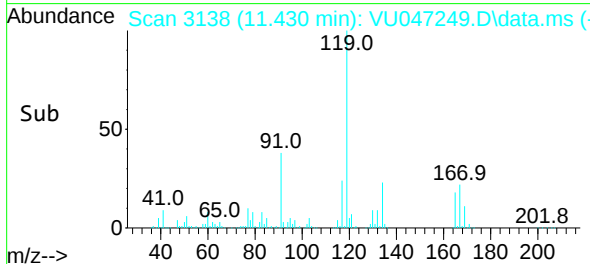
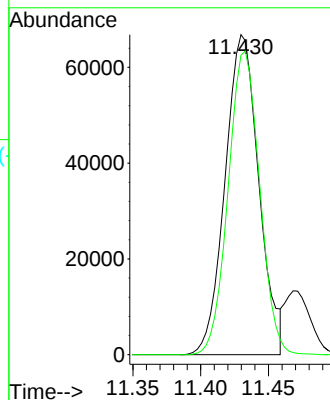
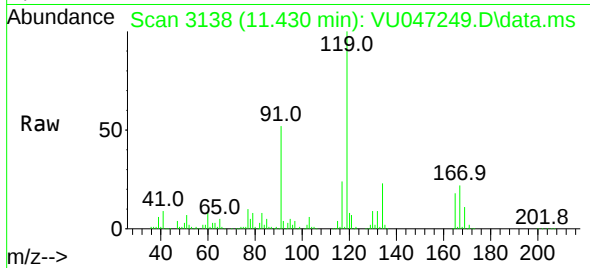
#61
Pentachloroethane
Concen: 11.437 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS

Tgt Ion:117 Resp: 11587
Ion Ratio Lower Upper
117 100
167 88.4 59.7 89.5

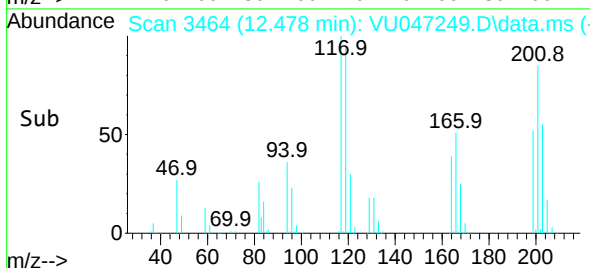
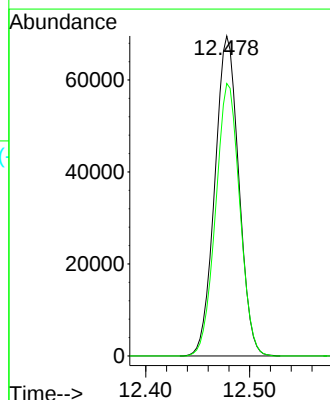
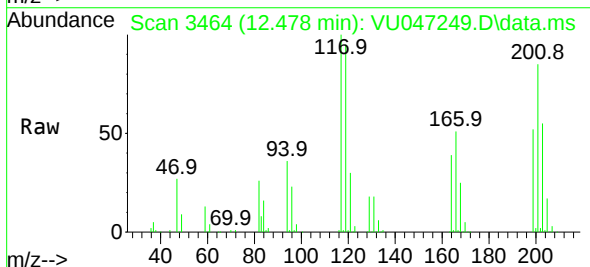
Manual Integrations
APPROVED

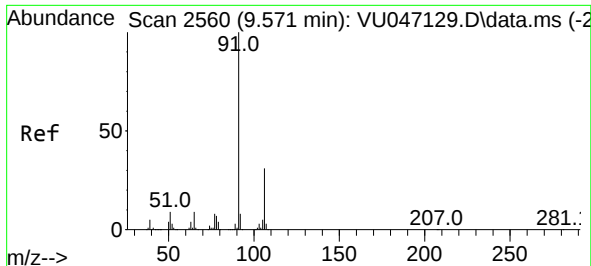
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#62
Hexachloroethane
Concen: 10.187 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

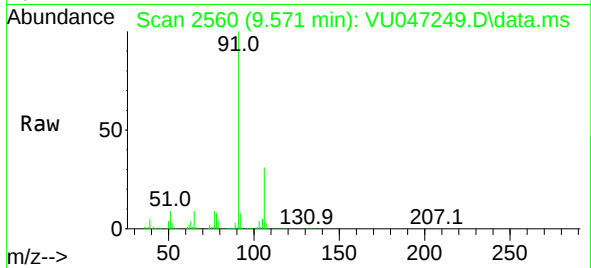
Tgt Ion:117 Resp: 111433
Ion Ratio Lower Upper
117 100
201 85.8 53.6 80.4#





#63
Ethyl Benzene
Concen: 10.033 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

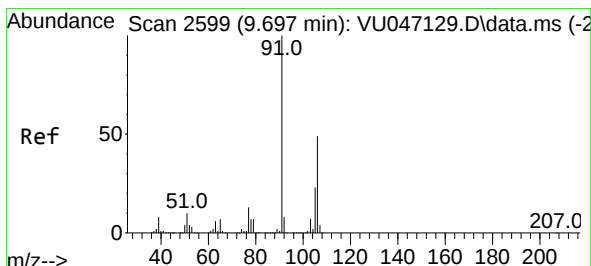
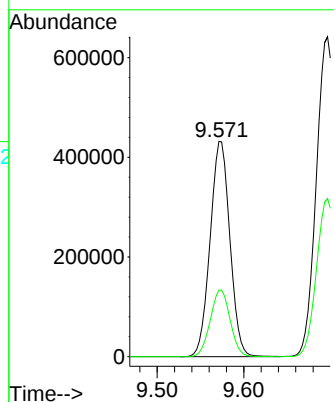
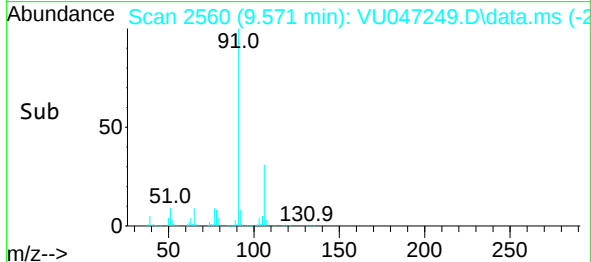
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



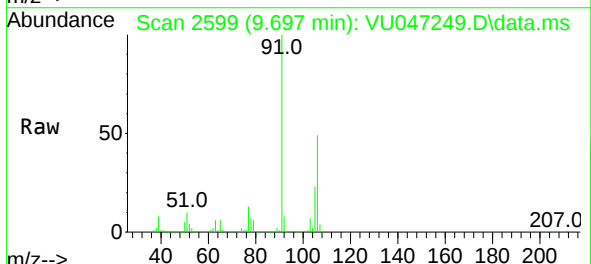
Tgt Ion: 91 Resp: 68488
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

Manual Integrations
APPROVED

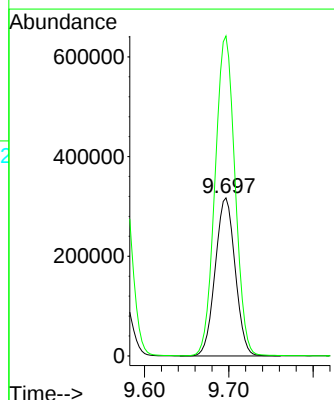
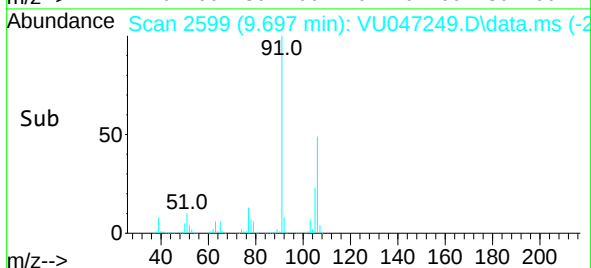
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

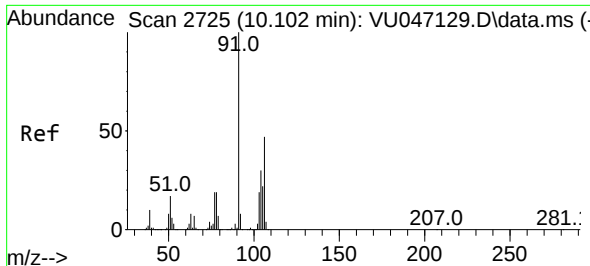


#64
m/p-Xylenes
Concen: 19.982 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



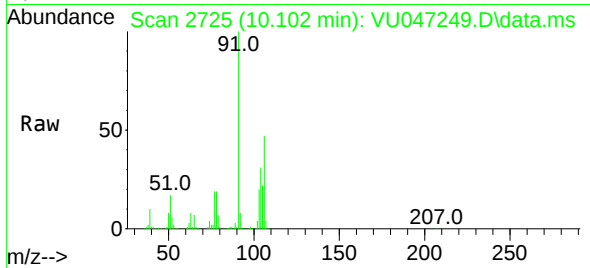
Tgt Ion:106 Resp: 519929
Ion Ratio Lower Upper
106 100
91 203.3 165.5 248.3





#65
o-Xylene
Concen: 10.062 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

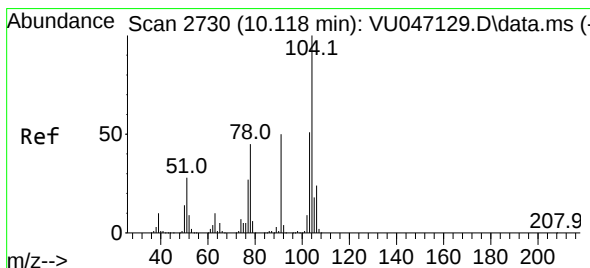
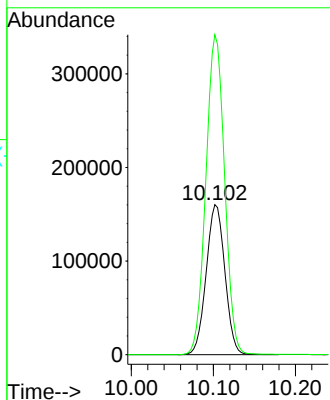
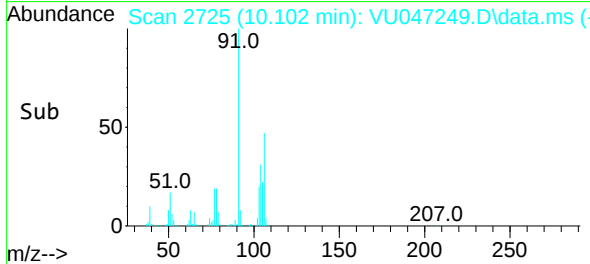
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



Tgt Ion:106 Resp: 25363
Ion Ratio Lower Upper
106 100
91 213.6 109.4 328.2

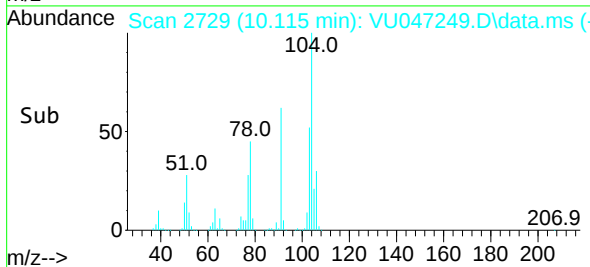
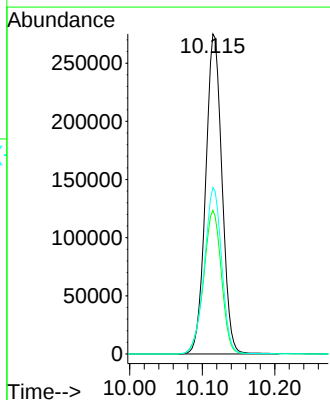
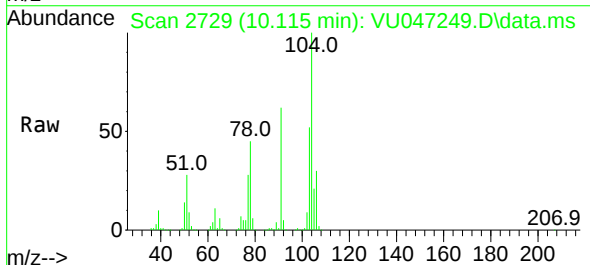
Manual Integrations
APPROVED

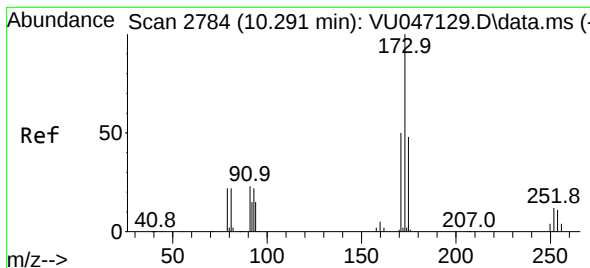
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#66
Styrene
Concen: 10.078 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

Tgt Ion:104 Resp: 431129
Ion Ratio Lower Upper
104 100
78 48.7 42.4 63.6
103 55.4 44.2 66.4





#67

Bromoform

Concen: 9.635 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MS

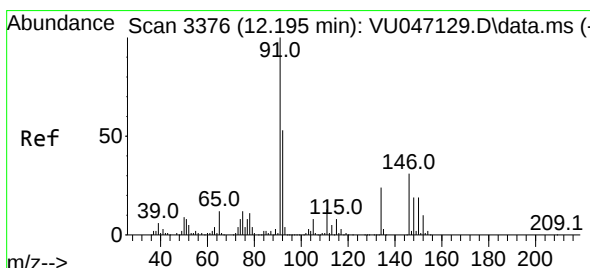
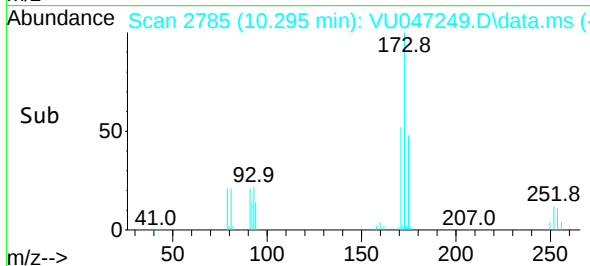
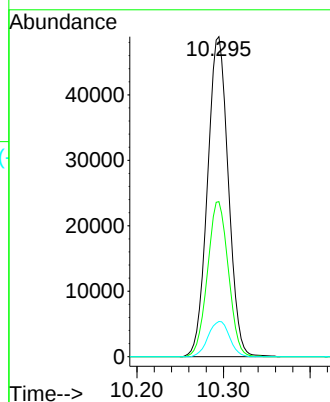
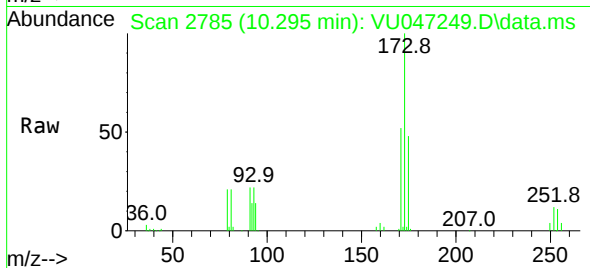
Tgt Ion:173	Resp:	8161
Ion Ratio	Lower	Upper
173	100	
175	48.6	39.0 58.4
254	11.3	5.5 8.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#68

1,2-Dichlorobenzene-d4

Concen: 0.973 ug/l

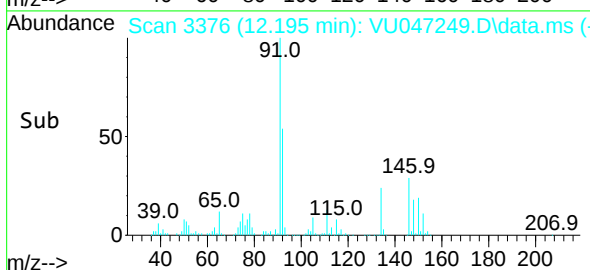
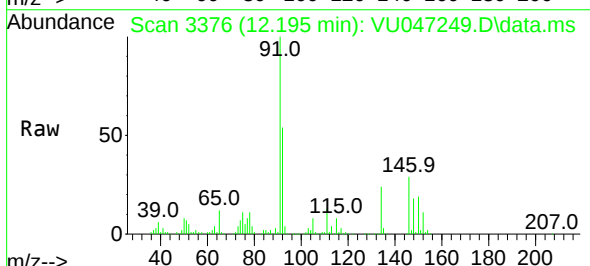
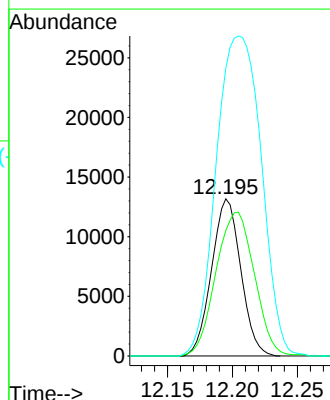
RT: 12.195 min Scan# 3376

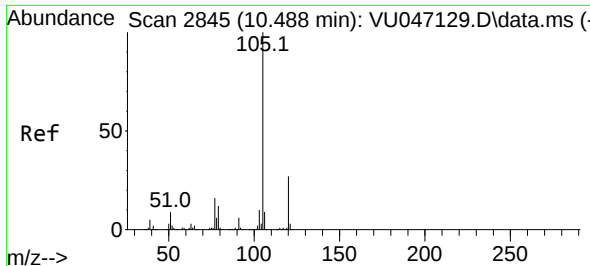
Delta R.T. -0.000 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

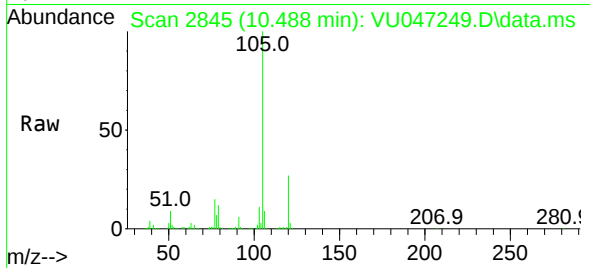
Tgt Ion:152	Resp:	20580
Ion Ratio	Lower	Upper
152	100	
115	120.7	0.0 251.0
150	315.2	0.0 613.8





#69
Isopropylbenzene
Concen: 9.980 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

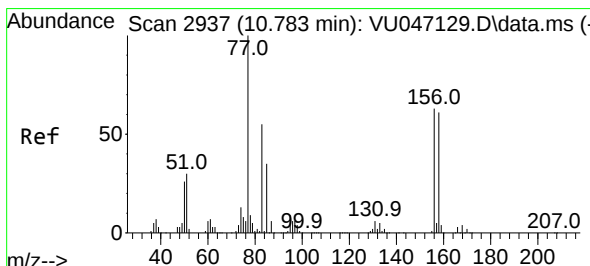
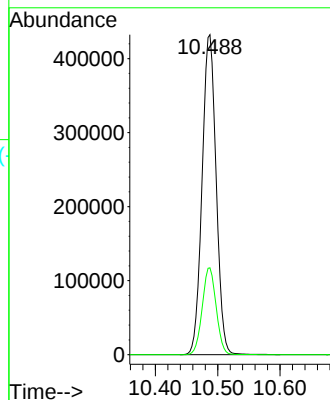
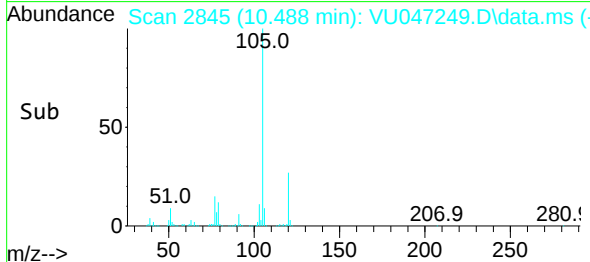
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MS



Tgt Ion:105 Resp: 676564
Ion Ratio Lower Upper
105 100
120 26.9 12.8 38.4

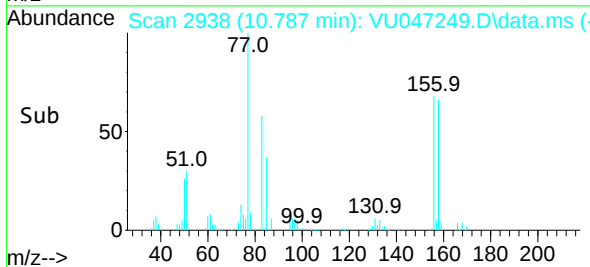
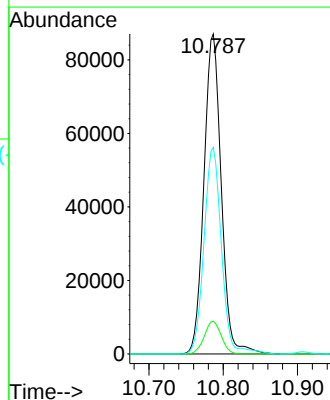
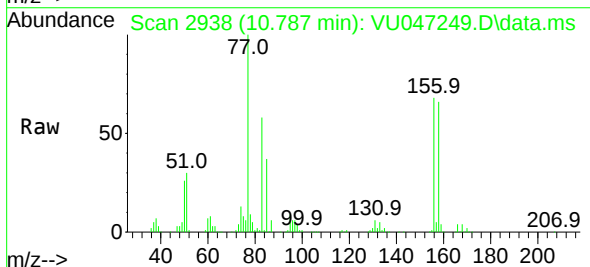
Manual Integrations
APPROVED

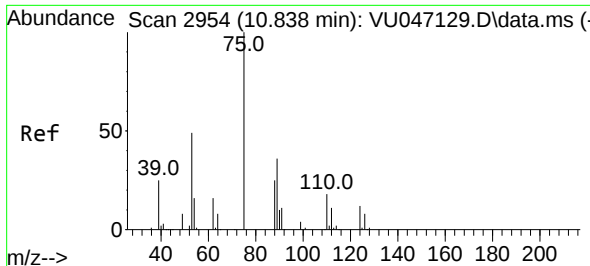
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 9.477 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

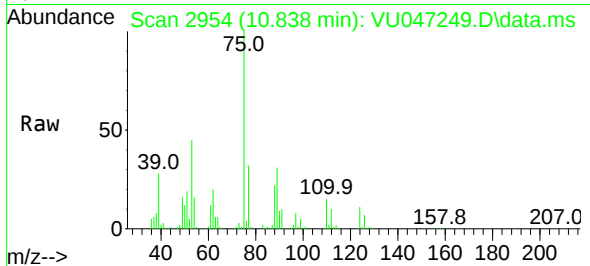
Tgt Ion: 83 Resp: 140870
Ion Ratio Lower Upper
83 100
131 9.9 7.6 11.4
85 65.0 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 9.173 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

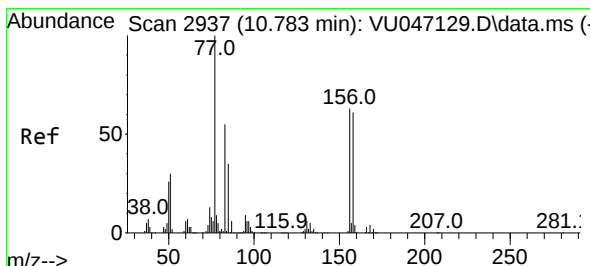
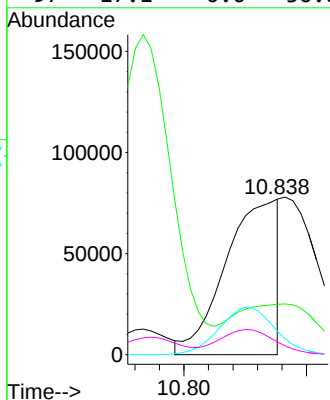
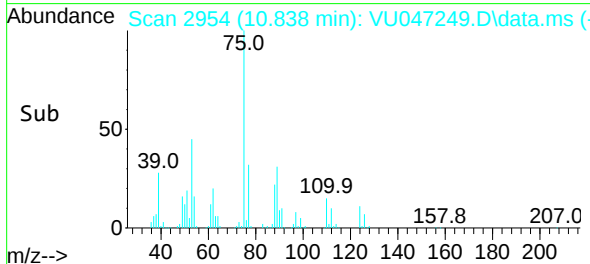
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MS



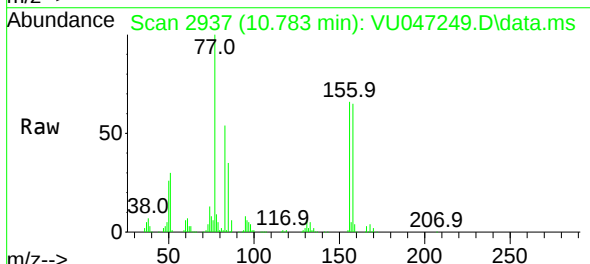
Tgt Ion: 75 Resp: 115070
Ion Ratio Lower Upper
75 100
77 52.6 0.0 105.6
110 32.5 0.0 71.2
97 17.1 0.0 36.8

Manual Integrations
APPROVED

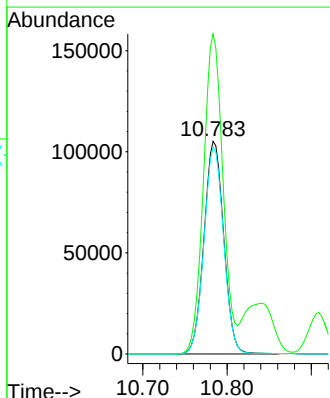
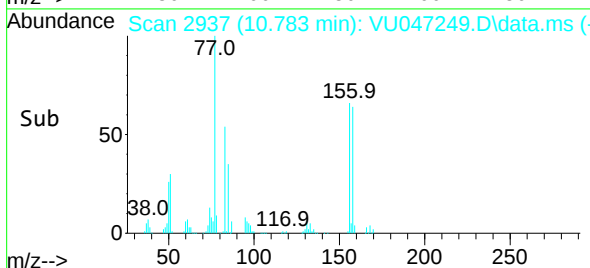
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

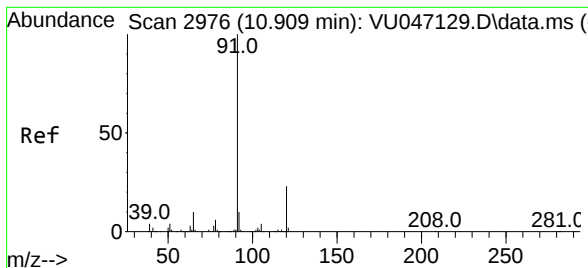


#72
Bromobenzene
Concen: 10.336 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



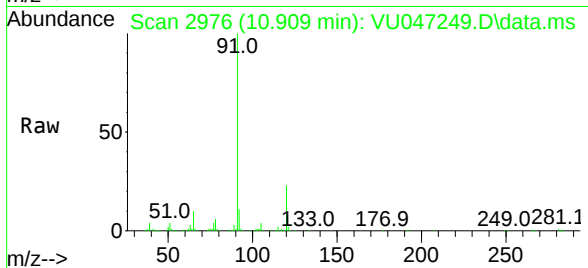
Tgt Ion:156 Resp: 171117
Ion Ratio Lower Upper
156 100
77 149.6 0.0 370.6
158 96.8 0.0 193.4





#73
n-propylbenzene
Concen: 10.167 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

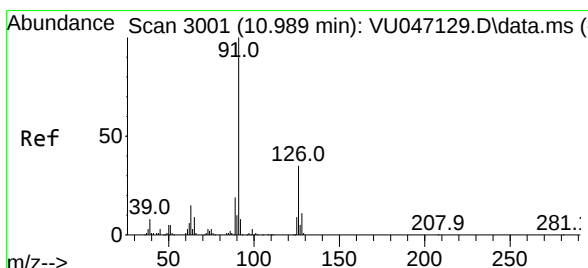
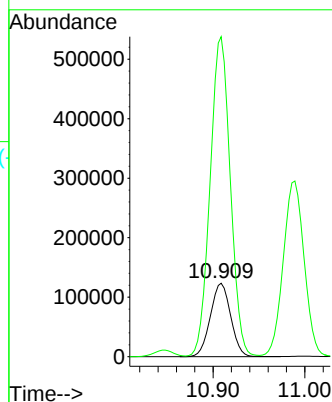
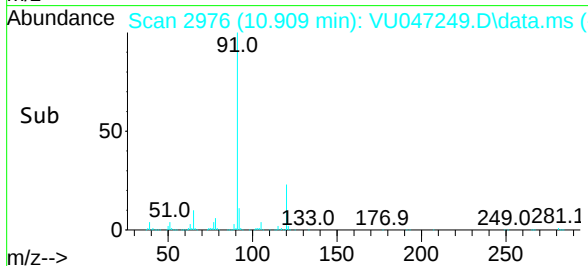
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MS



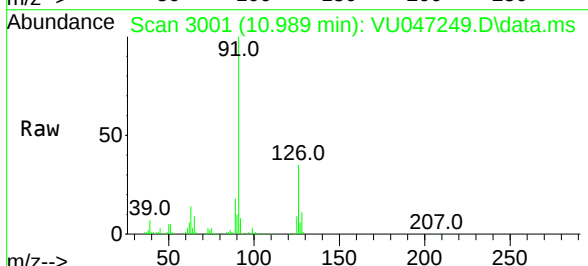
Tgt Ion:120 Resp: 189733
Ion Ratio Lower Upper
120 100
91 433.1 370.7 556.1

Manual Integrations
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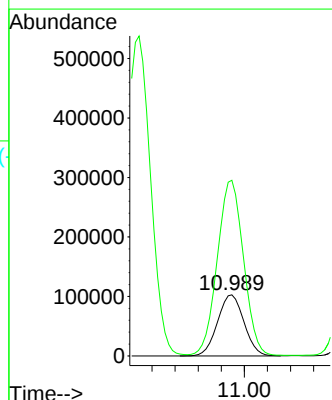
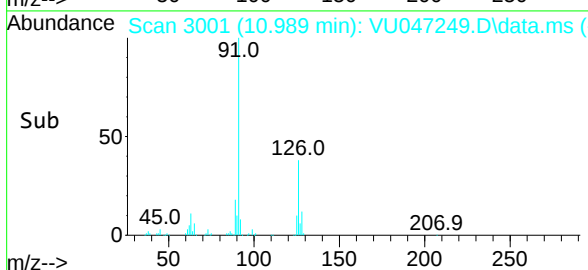
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

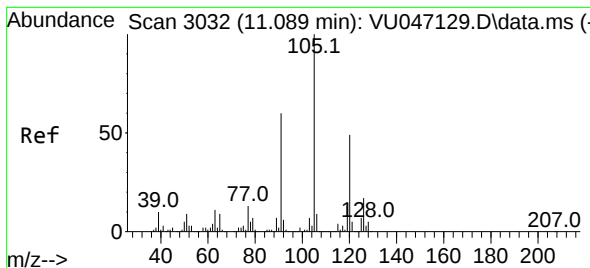


#74
2-Chlorotoluene
Concen: 10.282 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



Tgt Ion:126 Resp: 163580
Ion Ratio Lower Upper
126 100
91 283.6 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 10.294 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MS

Tgt Ion:105 Resp: 57230

Ion Ratio Lower Upper

105 100

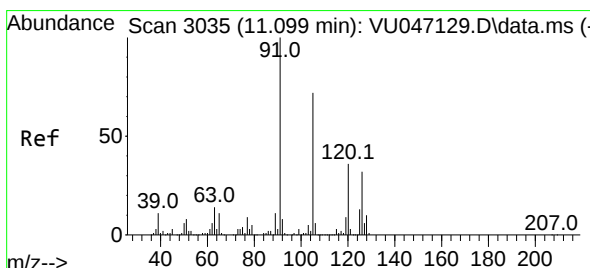
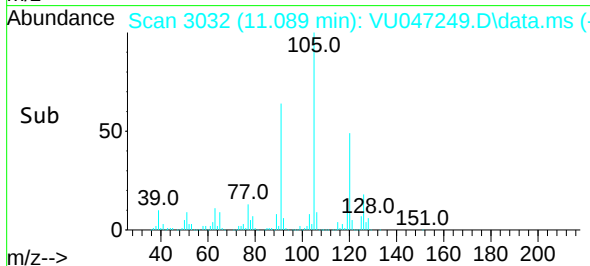
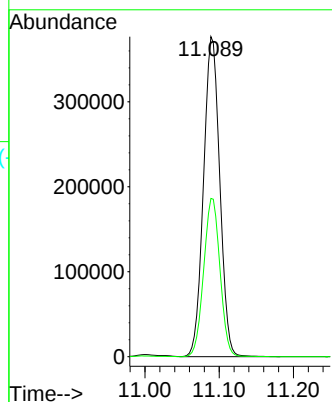
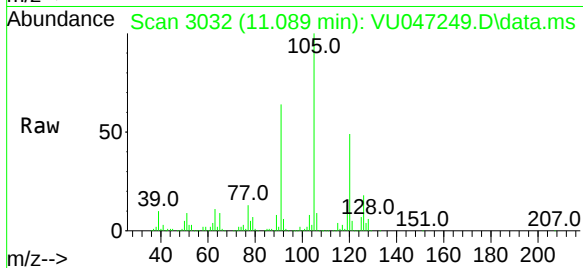
120 49.6 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#76

4-Chlorotoluene

Concen: 10.204 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. -0.000 min

Lab File: VU047249.D

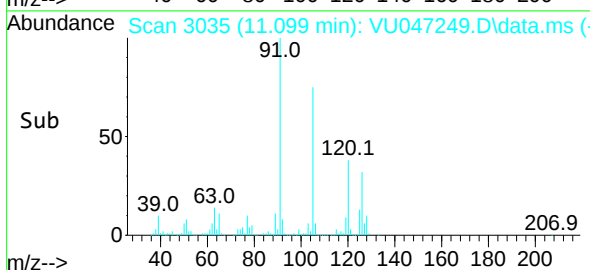
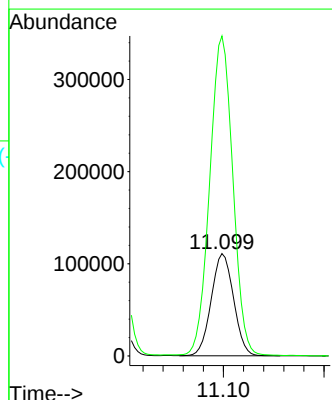
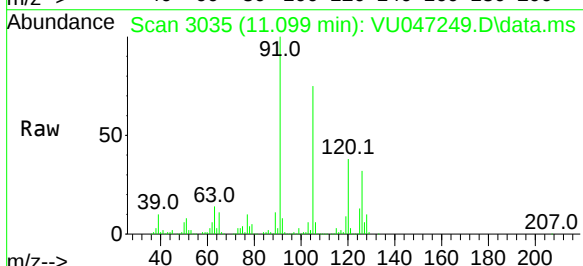
Acq: 23 Feb 2022 14:16

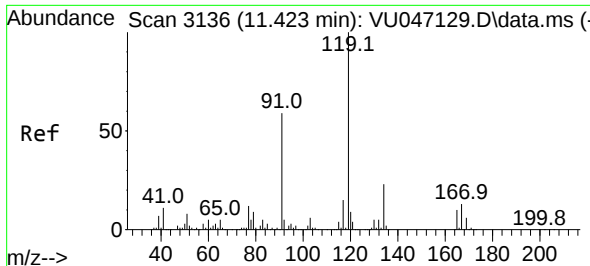
Tgt Ion:126 Resp: 170564

Ion Ratio Lower Upper

126 100

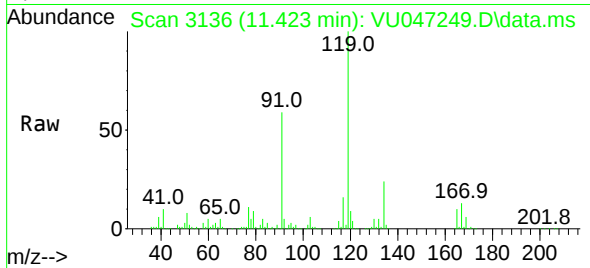
91 324.0 0.0 728.0





#77
tert-Butylbenzene
Concen: 10.310 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

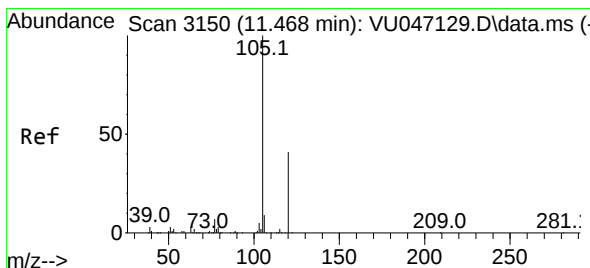
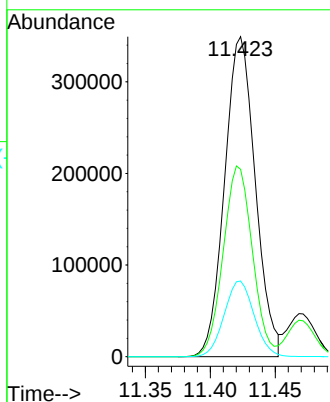
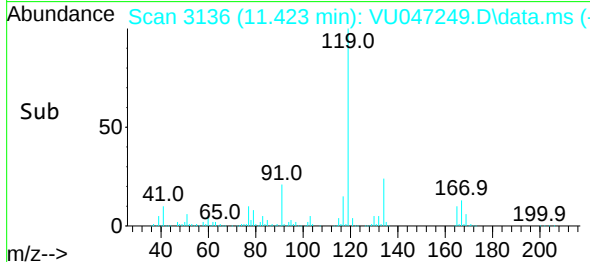
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



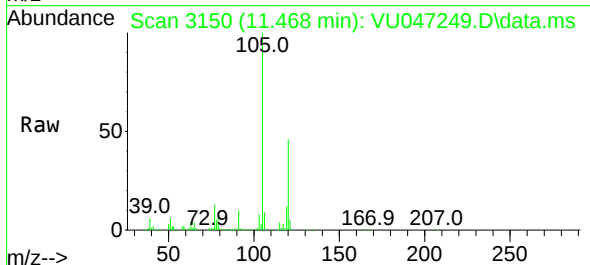
Tgt Ion:119 Resp: 57510
Ion Ratio Lower Upper
119 100
91 56.6 31.4 94.3
134 23.1 18.5 27.7

Manual Integrations
APPROVED

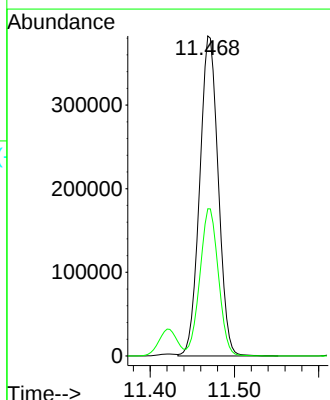
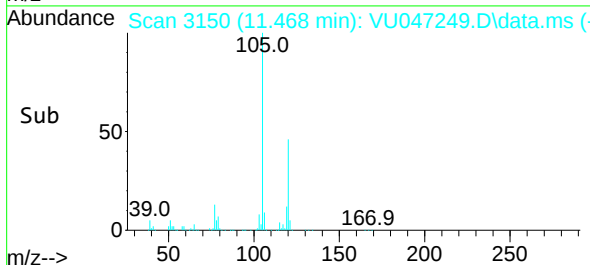
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

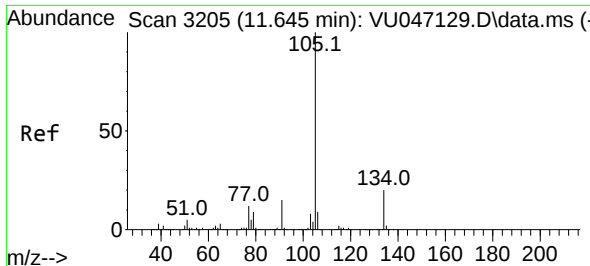


#78
1,2,4-Trimethylbenzene
Concen: 10.333 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



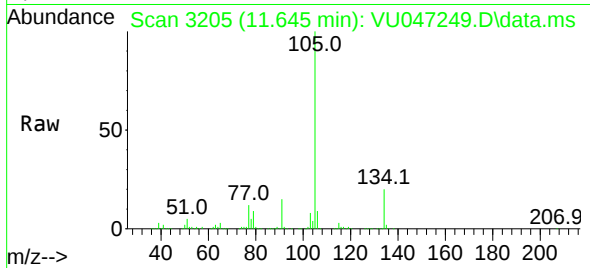
Tgt Ion:105 Resp: 586247
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 10.258 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU047249.D
 Acq: 23 Feb 2022 14:16

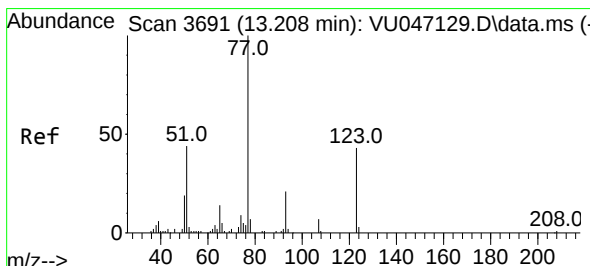
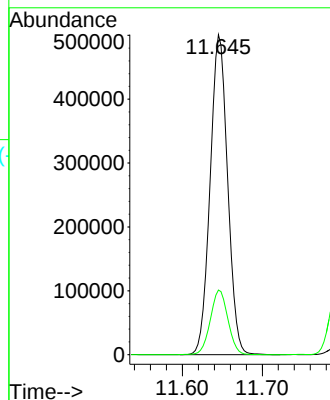
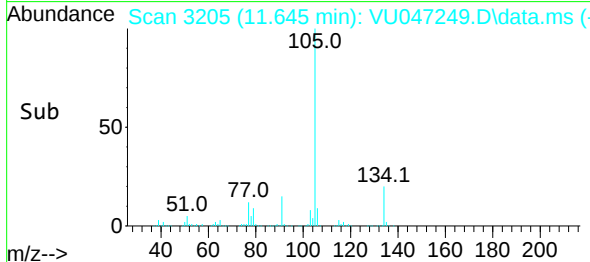
Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-U-022222MS



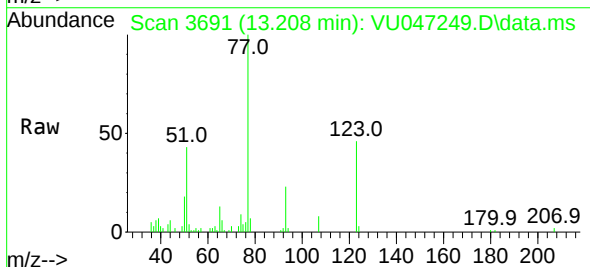
Tgt Ion:105 Resp: 759839
 Ion Ratio Lower Upper
 105 100
 134 20.3 15.4 23.0

Manual Integrations
 APPROVED

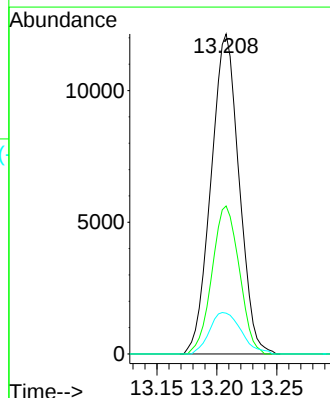
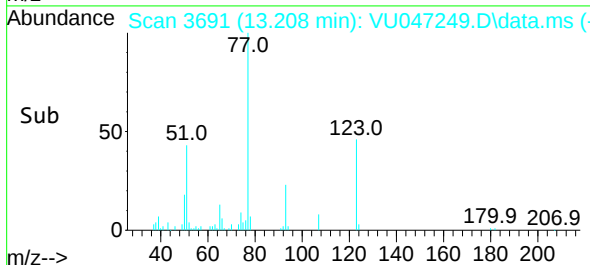
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

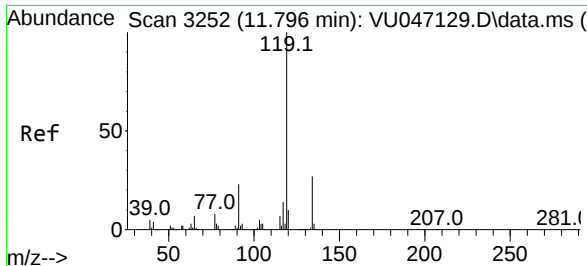


#80
 Nitrobenzene
 Concen: 27.484 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU047249.D
 Acq: 23 Feb 2022 14:16



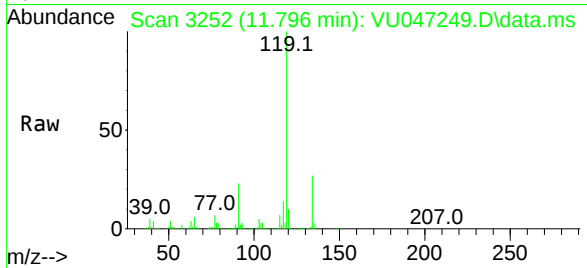
Tgt Ion: 77 Resp: 19723
 Ion Ratio Lower Upper
 77 100
 123 45.0 18.2 64.4
 65 14.7 12.0 15.2





#81
p-Isopropyltoluene
Concen: 10.391 ug/l
RT: 11.796 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

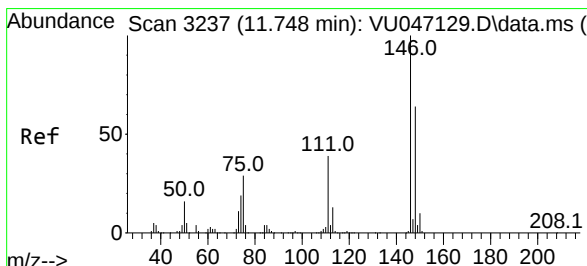
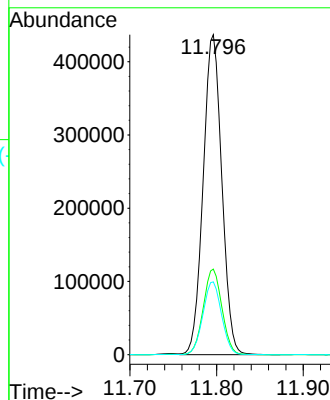
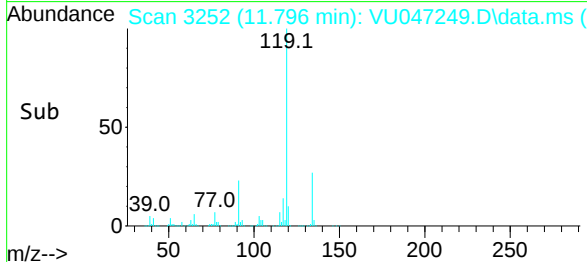
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



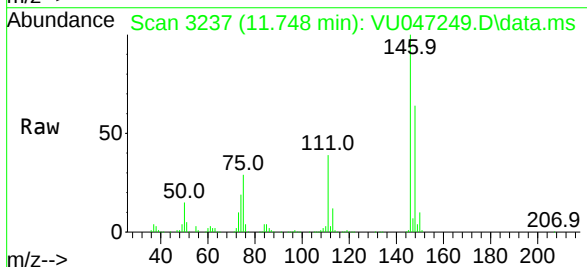
Tgt Ion:119 Resp: 651278
Ion Ratio Lower Upper
119 100
134 26.8 20.2 30.4
91 22.9 19.9 29.9

Manual Integrations
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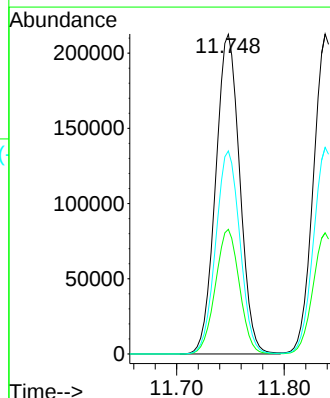
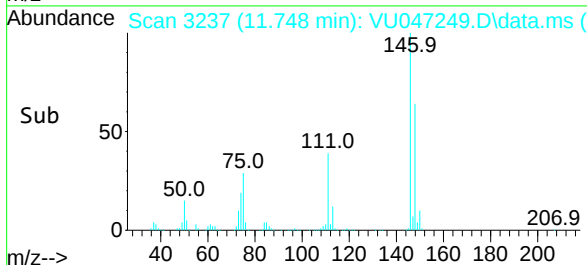
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

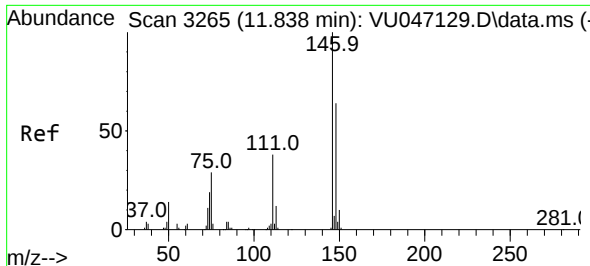


#82
1,3-Dichlorobenzene
Concen: 10.282 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



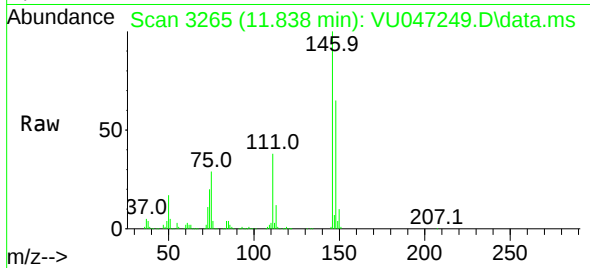
Tgt Ion:146 Resp: 331383
Ion Ratio Lower Upper
146 100
111 38.9 33.9 50.9
148 63.9 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 10.179 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

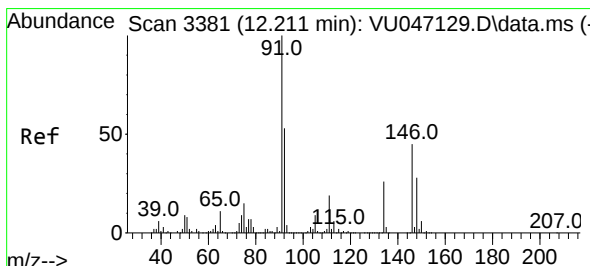
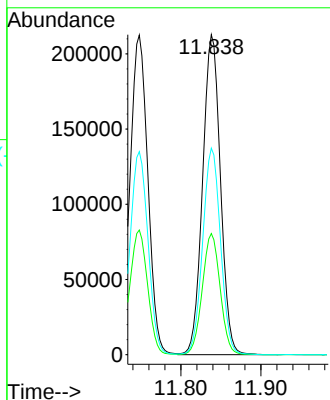
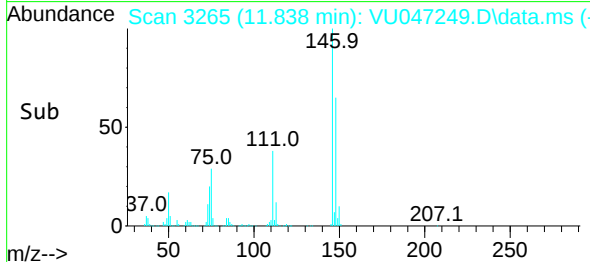
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MS



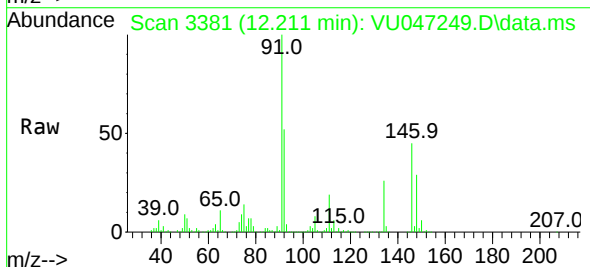
Tgt Ion:146 Resp: 330474
Ion Ratio Lower Upper
146 100
111 37.9 32.7 49.1
148 64.7 51.4 77.0

Manual Integrations
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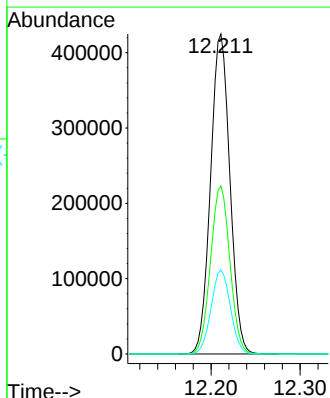
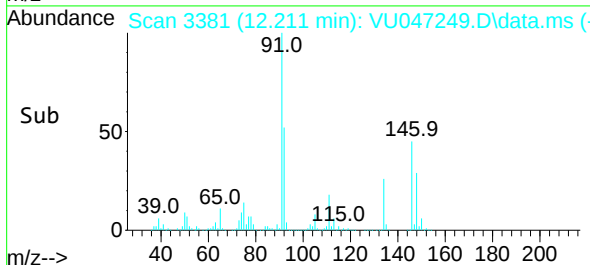
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

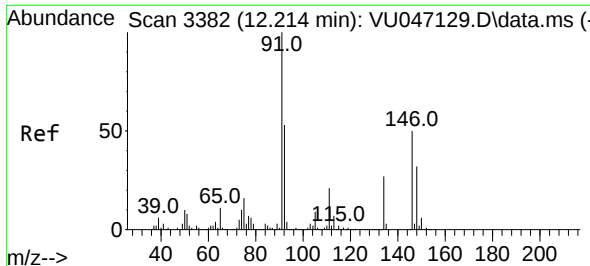


#84
n-Butylbenzene
Concen: 10.632 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



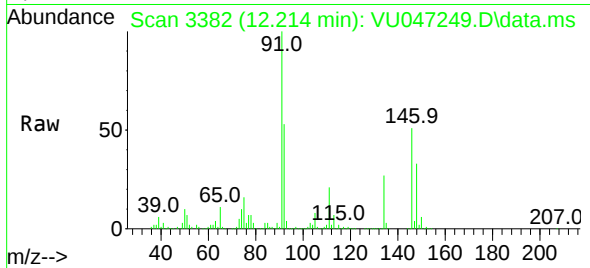
Tgt Ion: 91 Resp: 639946
Ion Ratio Lower Upper
91 100
92 52.7 43.5 65.3
134 26.2 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 10.157 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

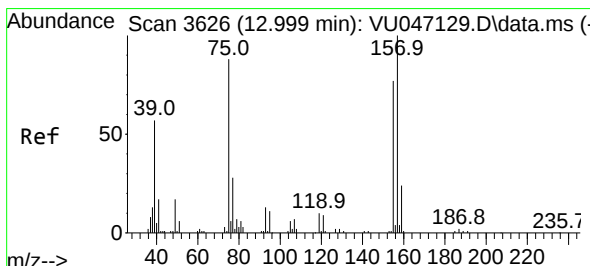
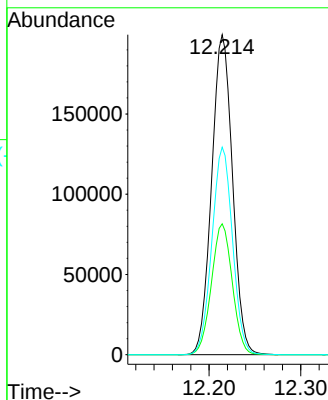
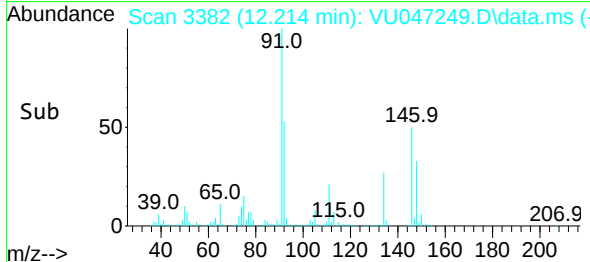
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MS



Tgt Ion:146 Resp: 31511
Ion Ratio Lower Upper
146 100
111 40.9 22.1 66.1
148 64.3 31.6 94.7

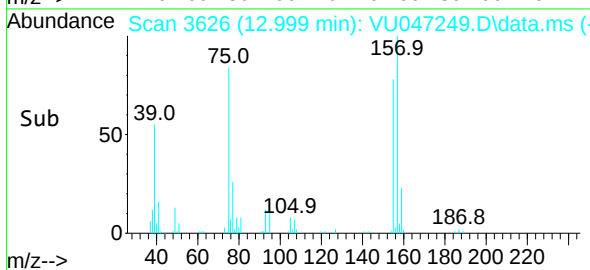
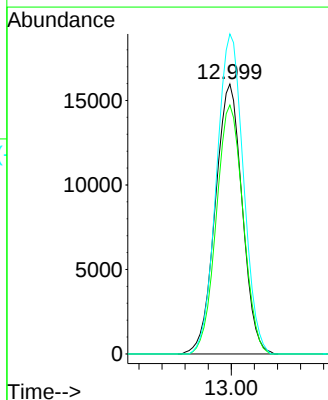
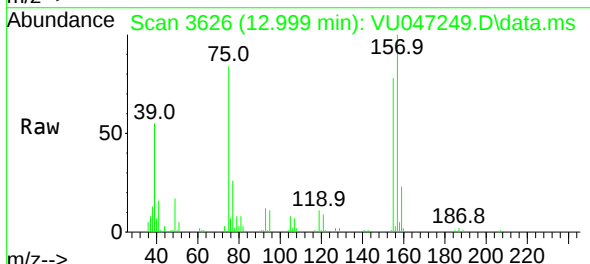
Manual Integrations
APPROVED

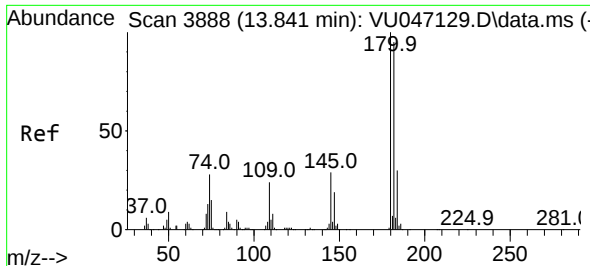
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.486 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

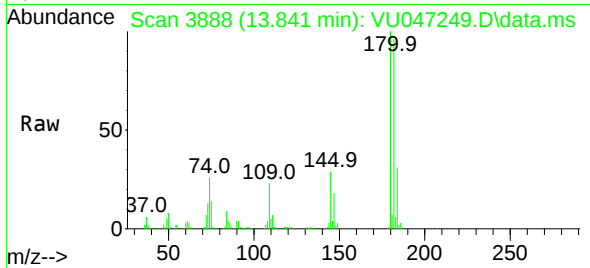
Tgt Ion: 75 Resp: 25852
Ion Ratio Lower Upper
75 100
155 91.4 57.8 86.8#
157 118.3 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 10.820 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16

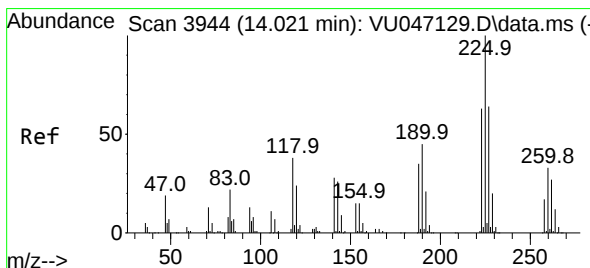
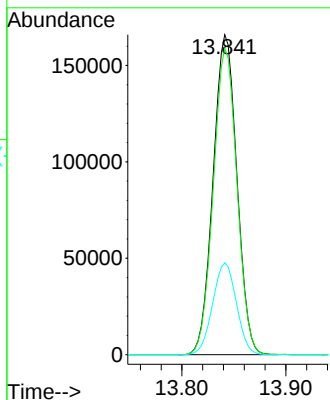
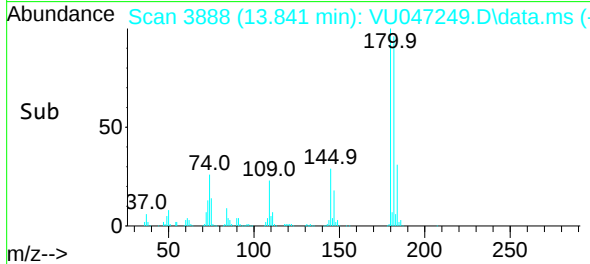
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MS



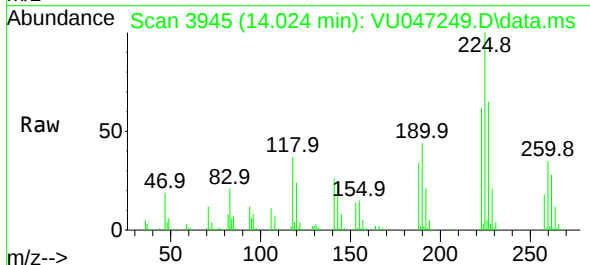
Tgt Ion:180 Resp: 263570
Ion Ratio Lower Upper
180 100
182 95.3 75.8 113.8
145 28.7 25.3 37.9

Manual Integrations
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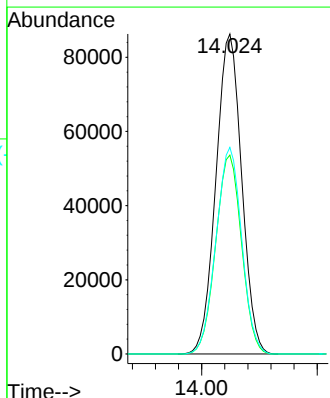
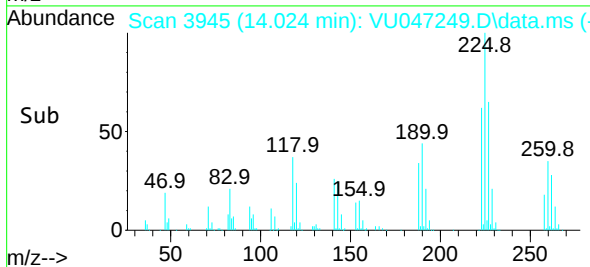
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

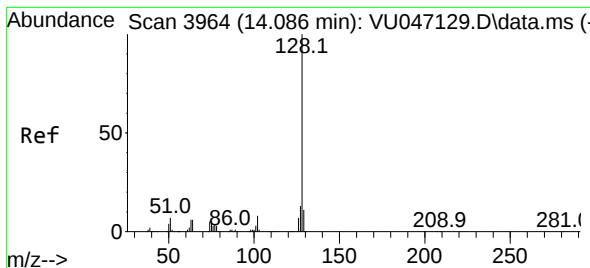


#88
Hexachlorobutadiene
Concen: 10.713 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU047249.D
Acq: 23 Feb 2022 14:16



Tgt Ion:225 Resp: 133420
Ion Ratio Lower Upper
225 100
223 62.4 51.1 76.7
227 64.6 49.9 74.9





#89

Naphthalene

Concen: 9.628 ug/l

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU047249.D

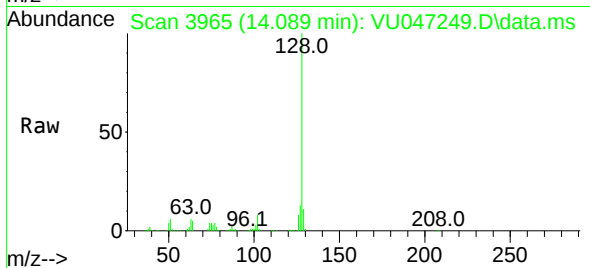
Acq: 23 Feb 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MS



Tgt Ion:128 Resp: 48040

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

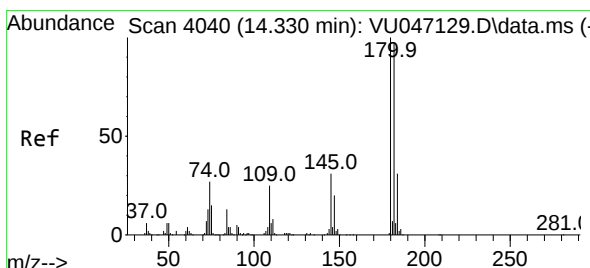
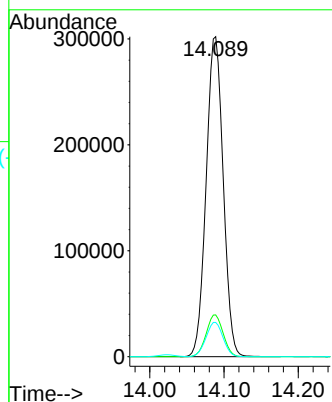
129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#90

1,2,3-Trichlorobenzene

Concen: 10.840 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU047249.D

Acq: 23 Feb 2022 14:16

Tgt Ion:180 Resp: 236842

Ion Ratio Lower Upper

180 100

182 96.6 75.4 113.0

145 30.7 27.0 40.4

