

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022122\
 Data File : VU047226.D
 Acq On : 21 Feb 2022 12:14
 Operator : SY/MD
 Sample : VU0221WBS02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0221WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Quant Time: Feb 22 03:58:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	53305	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	18924	0.917	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	19650	0.914	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	33276	1.872	ug/l	100
3) Chloromethane	1.523	50	52319	2.866	ug/l	97
4) Vinyl Chloride	1.610	62	33413	1.854	ug/l	98
5) Bromomethane	1.864	94	9445	0.802	ug/l	99
6) Chloroethane	1.941	64	19323	1.866	ug/l	99
7) Trichlorofluoromethane	2.147	101	43397	2.043	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	24049	1.964	ug/l	92
9) 1,1-Dichloroethene	2.588	96	24736	1.963	ug/l	91
10) Iodomethane	2.729	142	10899	1.562	ug/l	100
11) Allyl Chloride	2.932	41	34132	1.738	ug/l	95
12) Acrylonitrile	3.334	53	13074	3.535	ug/l	90
13) Acetone	2.658	43	25166	14.493	ug/l	98
14) Carbon Disulfide	2.803	76	77994	1.830	ug/l	99
15) Methylene Chloride	3.051	84	29769	2.104	ug/l	98
16) trans-1,2-Dichloroethene	3.359	96	26952	2.027	ug/l	97
17) 1,1-Dichloroethane	3.877	63	45545	1.869	ug/l	99
18) 2-Butanone	4.732	43	38103	10.227	ug/l	100
19) Cyclohexane	5.391	56	40971m	1.815	ug/l	
20) Methylcyclohexane	6.768	83	46419	1.866	ug/l	97
21) 2,2-Dichloropropane	4.671	77	41916	1.925	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	29170	1.907	ug/l	93
23) Diethyl Ether	2.382	59	18445	1.811	ug/l	95
24) tert-Butyl Alcohol	3.273	59	15214m	22.973	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	65942	1.866	ug/l	96
26) Bromochloromethane	4.983	128	11233	1.633	ug/l	89
27) Chloroform	5.092	83	47929	1.939	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	41512	1.940	ug/l	96
29) 1,1-Dichloropropene	5.530	75	36903	1.884	ug/l	97
30) Carbon Tetrachloride	5.530	117	35028	1.862	ug/l	99
31) Isopropyl Ether	4.002	45	71424	1.833	ug/l	100
32) Ethyl-t-butyl ether	4.510	59	69575	1.756	ug/l	97
33) Tert-Amyl methyl ether	5.944	73	59323	1.626	ug/l	97
34) Propionitrile	4.803	54	12166	13.660	ug/l #	85
35) Benzene	5.777	78	105456	1.921	ug/l	99
36) 1,2-Dichloroethane	5.800	62	31729	1.909	ug/l	99
37) Trichloroethene	6.546	130	30273	1.991	ug/l	94
38) 1,2-Dichloropropane	6.797	63	26757	1.842	ug/l	97
39) Methacrylonitrile	4.983	41	9815	1.960	ug/l	97
40) Methyl acrylate	4.858	55	19047	2.250	ug/l	98
41) Tetrahydrofuran	5.073	42	10465	4.102	ug/l	98
42) 1-Chlorobutane	5.462	56	48826	1.856	ug/l	99
43) Dibromomethane	6.922	93	14947	1.908	ug/l	91
44) Bromodichloromethane	7.108	83	34388	1.856	ug/l #	98

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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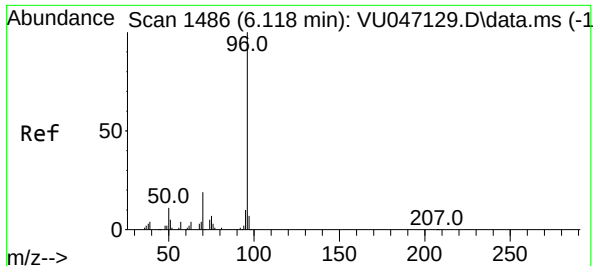
Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
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Quant Time: Feb 22 03:58:53 2022
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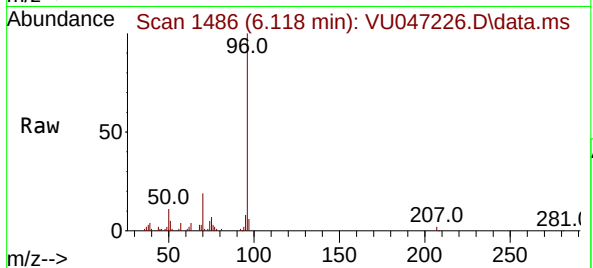
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	89259	8.423	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	10162m	2.203	ug/l	
47) Methyl methacrylate	6.967	69	29858	3.633	ug/l	94
48) Ethyl methacrylate	8.337	69	29874	1.793	ug/l	93
49) Toluene	7.970	92	66113	1.867	ug/l	97
50) t-1,3-Dichloropropene	8.214	75	35847	1.787	ug/l	93
51) cis-1,3-Dichloropropene	7.610	75	41176	1.831	ug/l	98
52) 1,1,2-Trichloroethane	8.404	97	20722	1.854	ug/l	98
53) 1,3-Dichloropropane	8.578	76	35958	1.800	ug/l	96
54) 2-Hexanone	8.687	43	63176	8.002	ug/l	98
55) Dibromochloromethane	8.813	129	24103	1.773	ug/l	99
56) 1,2-Dibromoethane	8.928	107	21012	1.860	ug/l	98
58) Tetrachloroethene	8.555	164	28380	2.023	ug/l	94
59) Chlorobenzene	9.449	112	74939	1.898	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	25392	1.871	ug/l	98
61) Pentachloroethane	11.430	117	19572	1.900	ug/l	84
62) Hexachloroethane	12.478	117	17501	1.573	ug/l #	79
63) Ethyl Benzene	9.571	91	129991	1.873	ug/l	99
64) m/p-Xylenes	9.697	106	97722	3.693	ug/l	97
65) o-Xylene	10.102	106	47226	1.842	ug/l	98
66) Styrene	10.115	104	78490	1.804	ug/l	97
67) Bromoform	10.292	173	13829	1.606	ug/l #	97
69) Isopropylbenzene	10.484	105	126845	1.840	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	27205	1.800	ug/l	97
71) 1,2,3-Trichloropropane	10.832	75	22204m	1.741	ug/l	
72) Bromobenzene	10.783	156	32661	1.940	ug/l	83
73) n-propylbenzene	10.906	120	35295	1.860	ug/l	88
74) 2-Chlorotoluene	10.989	126	30504	1.885	ug/l	84
75) 1,3,5-Trimethylbenzene	11.089	105	102514	1.813	ug/l	97
76) 4-Chlorotoluene	11.099	126	32267	1.898	ug/l	79
77) tert-Butylbenzene	11.420	119	104663	1.845	ug/l	95
78) 1,2,4-Trimethylbenzene	11.468	105	105390	1.827	ug/l	98
79) sec-Butylbenzene	11.645	105	139512	1.852	ug/l	98
80) Nitrobenzene	13.208	77	2493	3.416	ug/l #	90
81) p-Isopropyltoluene	11.796	119	116479	1.827	ug/l	98
82) 1,3-Dichlorobenzene	11.748	146	61378	1.873	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	61227	1.855	ug/l	98
84) n-Butylbenzene	12.211	91	111270	1.818	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	57990	1.838	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.996	75	4533	1.636	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.841	180	46719	1.886	ug/l	98
88) Hexachlorobutadiene	14.025	225	23028	1.818	ug/l	97
89) Naphthalene	14.089	128	88376	1.742	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	43257	1.947	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

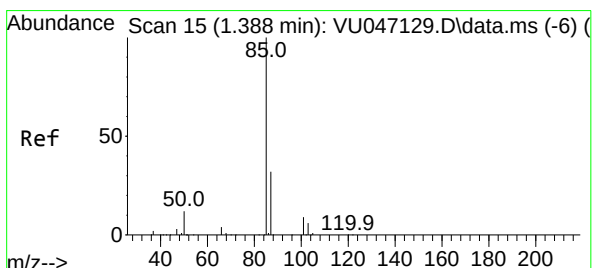
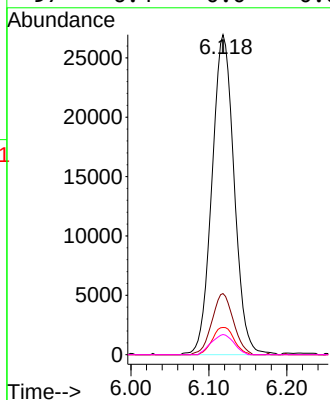
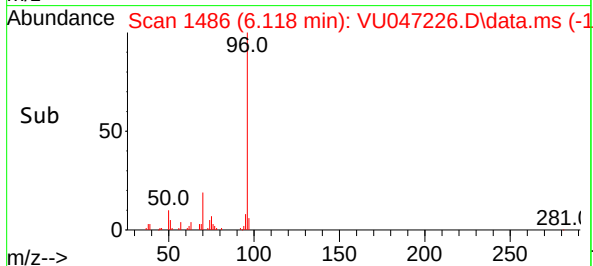
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion: 96 Resp: 5330
Ion Ratio Lower Upper
96 100
70 18.6 16.8 25.2
95 8.3 7.3 10.9
97 6.4 0.0 0.0#

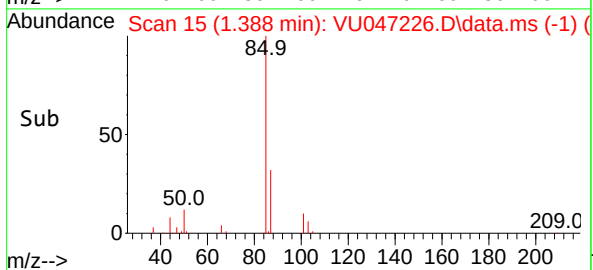
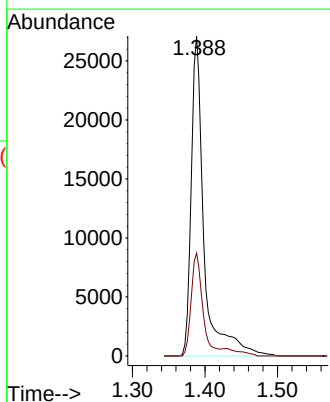
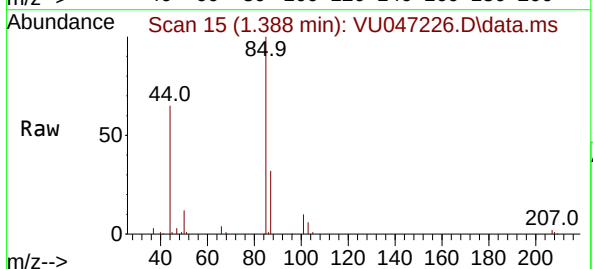
Manual Integrations
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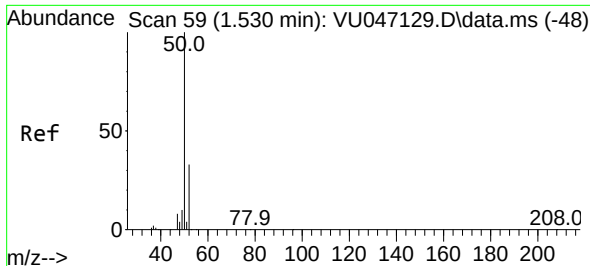
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#2
Dichlorodifluoromethane
Concen: 1.872 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

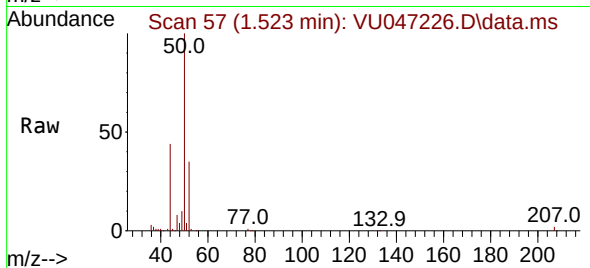
Tgt Ion: 85 Resp: 33276
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6





#3
Chloromethane
Concen: 2.866 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

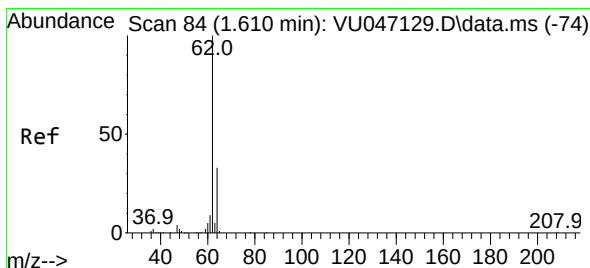
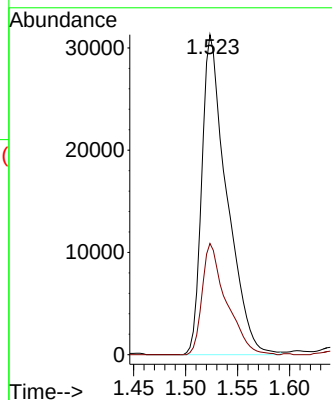
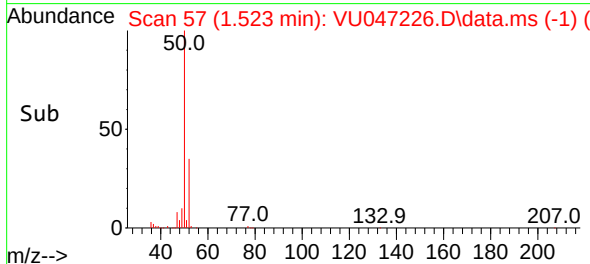
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion: 50 Resp: 52319
Ion Ratio Lower Upper
50 100
52 34.7 26.2 39.4

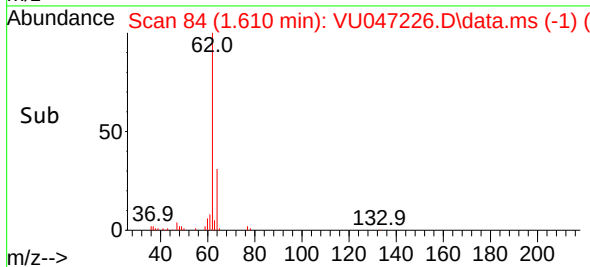
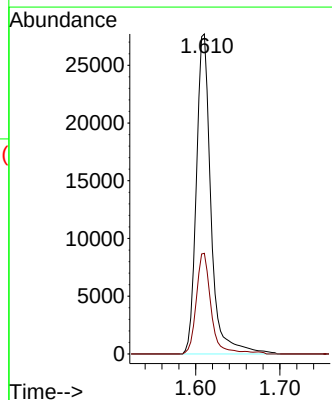
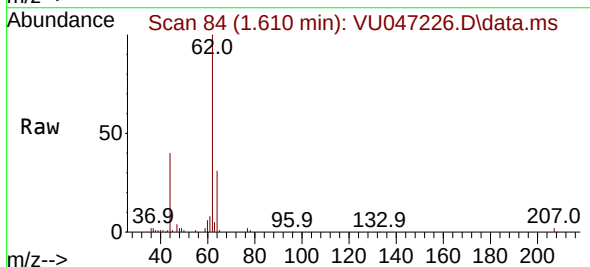
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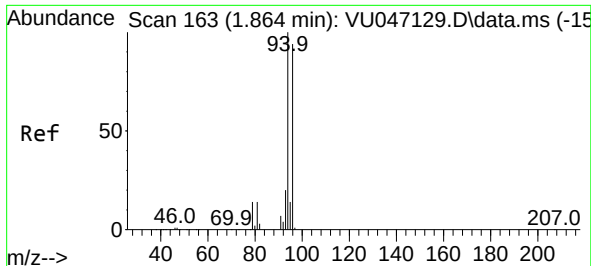
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#4
Vinyl Chloride
Concen: 1.854 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

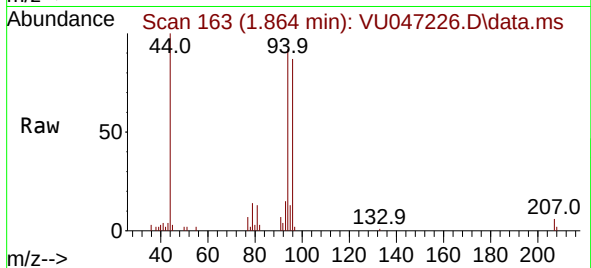
Tgt Ion: 62 Resp: 33413
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0





#5
Bromomethane
Concen: 0.802 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

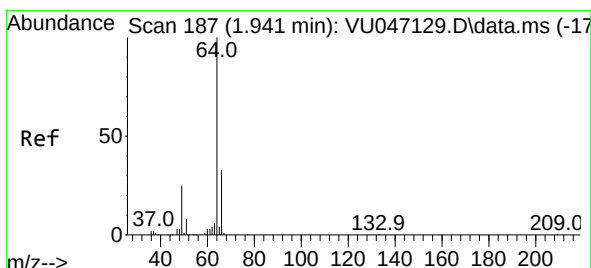
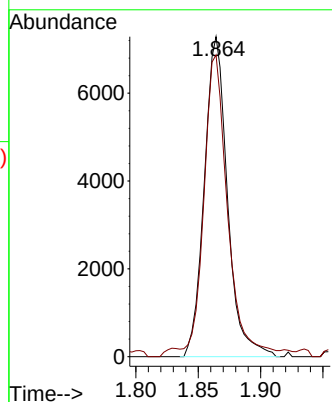
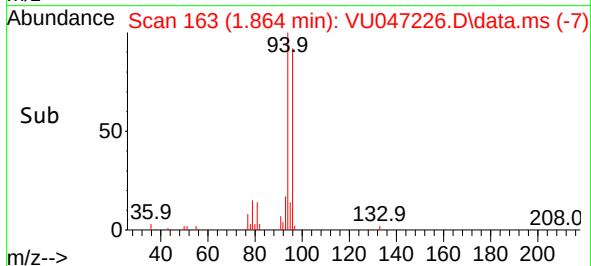
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion: 94 Resp: 944
Ion Ratio Lower Upper
94 100
96 92.4 75.0 112.4

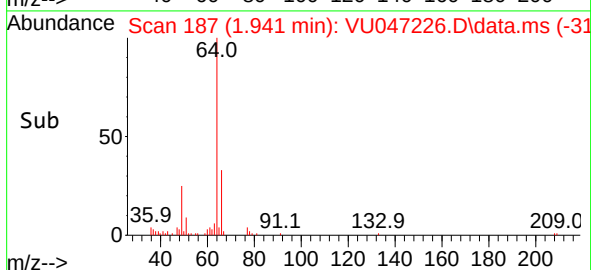
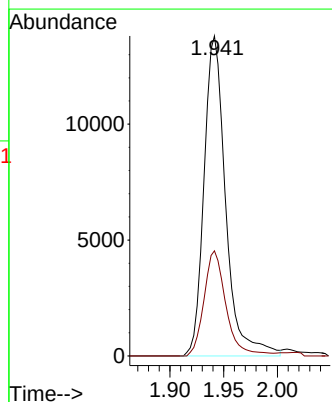
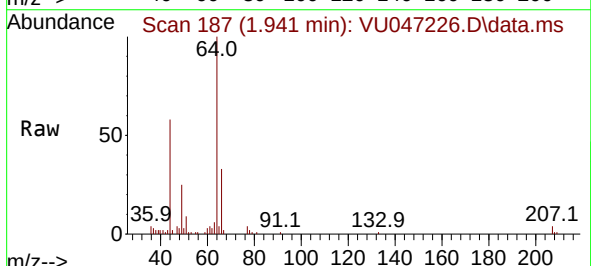
Manual Integrations
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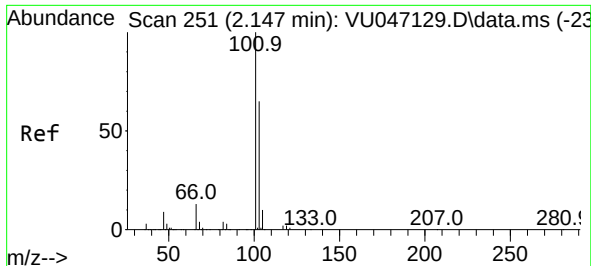
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#6
Chloroethane
Concen: 1.866 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

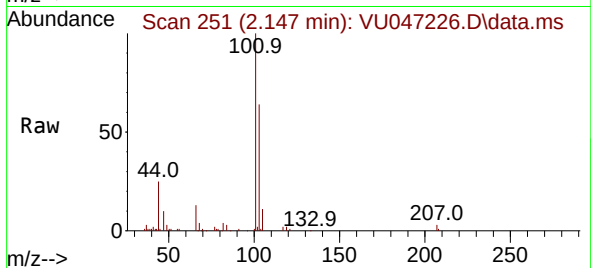
Tgt Ion: 64 Resp: 19323
Ion Ratio Lower Upper
64 100
66 32.9 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 2.043 ug/l
 RT: 2.147 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14

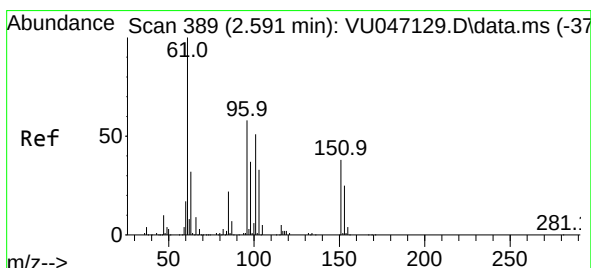
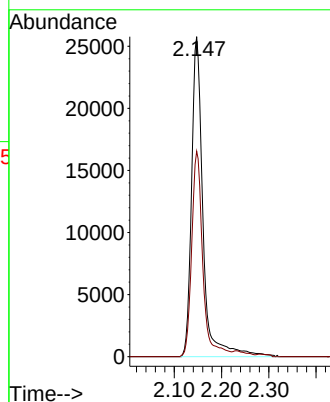
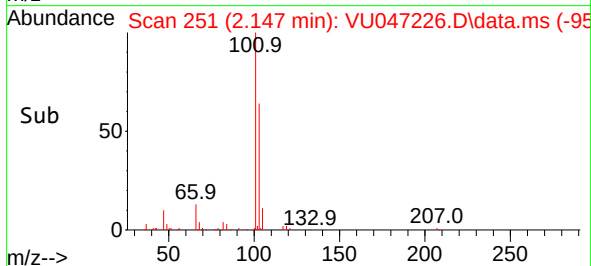
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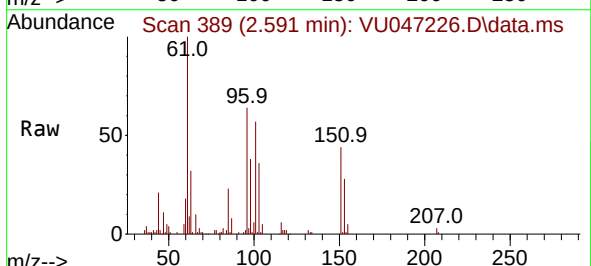
Tgt Ion:101 Resp: 4339
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.2

Manual Integrations
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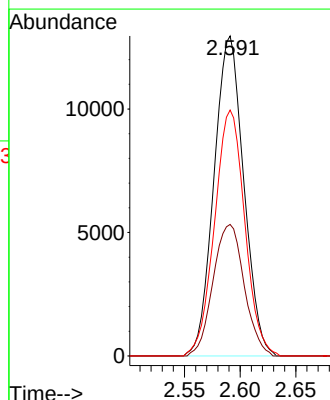
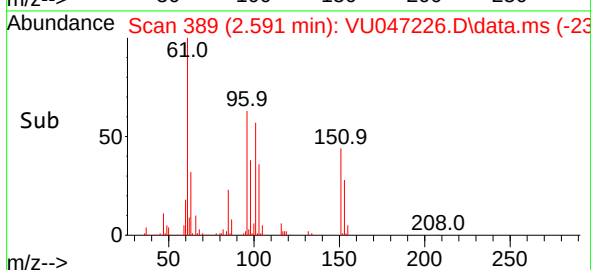
Reviewed By :John Carlone 02/22/2022
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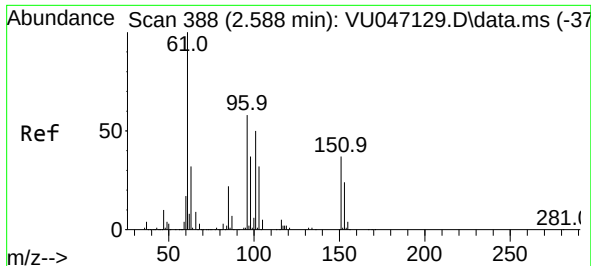


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.964 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14



Tgt Ion:101 Resp: 24049
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.8 53.6
 151 78.1 54.6 81.8





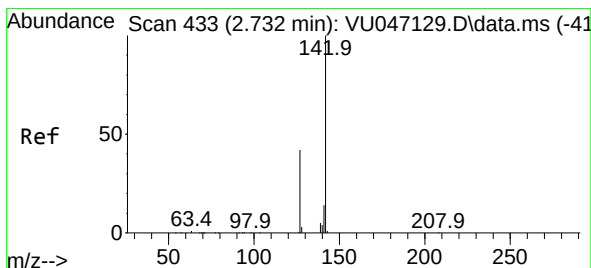
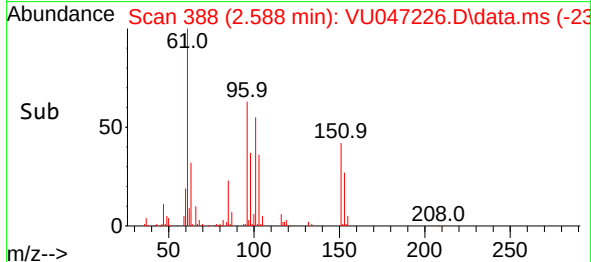
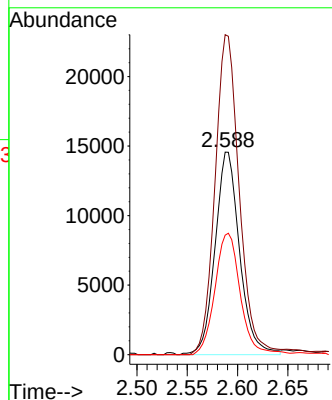
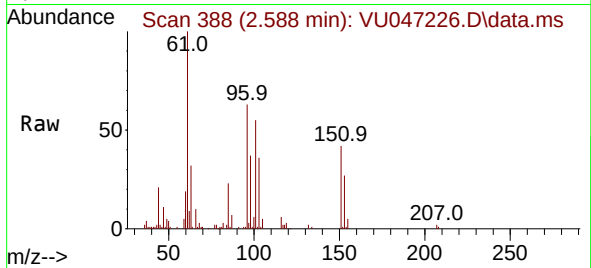
#9
1,1-Dichloroethene
Concen: 1.963 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02

Tgt Ion: 96 Resp: 24730
Ion Ratio Lower Upper
96 100
61 158.0 0.0 514.2
98 59.0 0.0 126.4

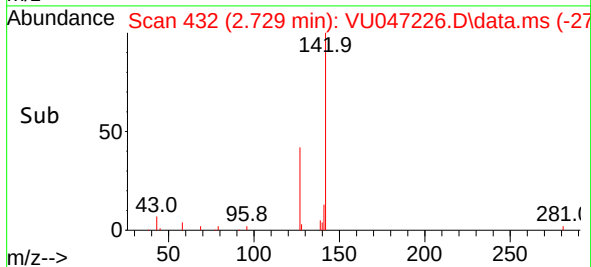
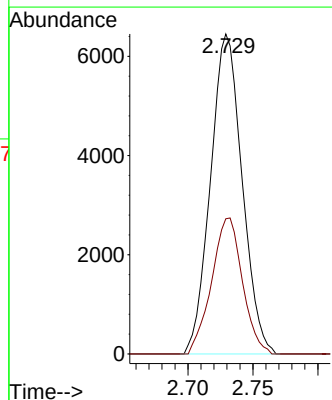
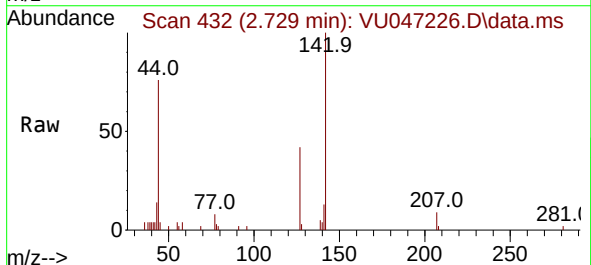
Manual Integrations
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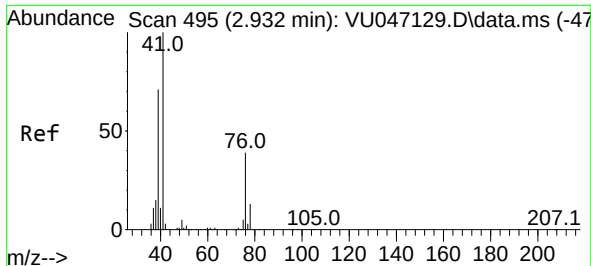
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#10
Iodomethane
Concen: 1.562 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.003 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Tgt Ion:142 Resp: 10899
Ion Ratio Lower Upper
142 100
127 41.4 33.2 49.8





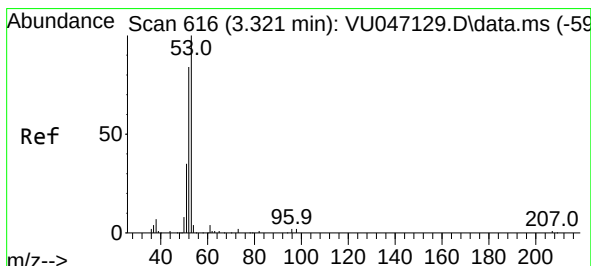
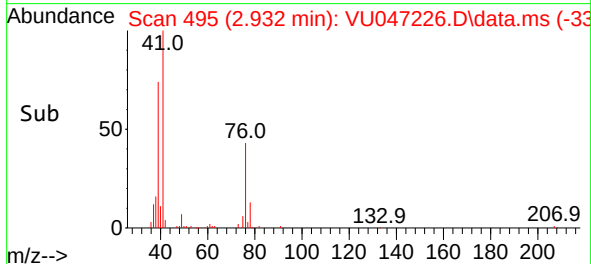
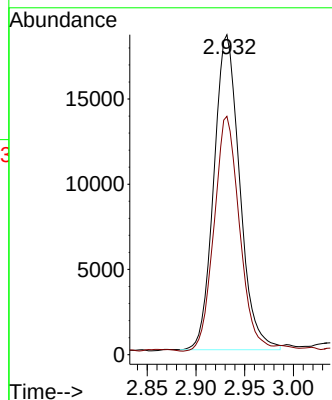
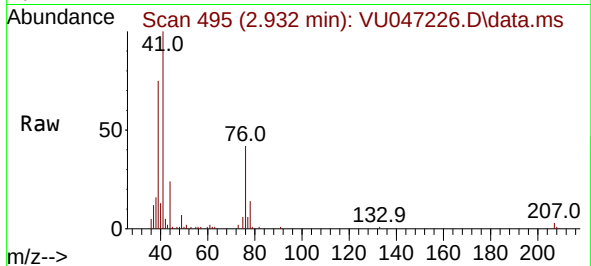
#11
 Allyl Chloride
 Concen: 1.738 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14

Instrument :
 MSVOA_U
 Client Sample Id :
 VU0221WBS02

Tgt Ion: 41 Resp: 3413
 Ion Ratio Lower Upper
 41 100
 39 73.4 62.4 93.6

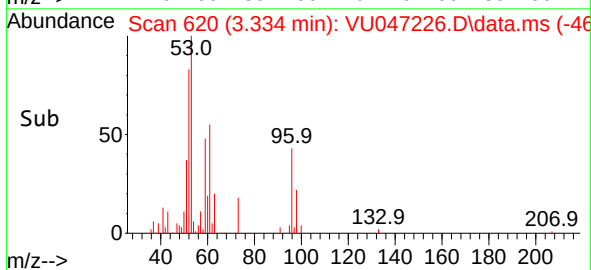
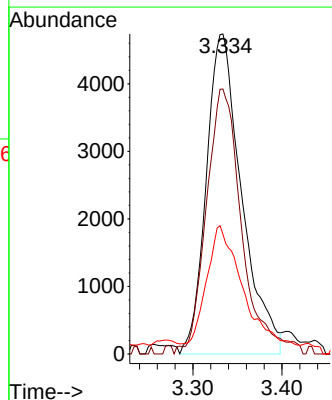
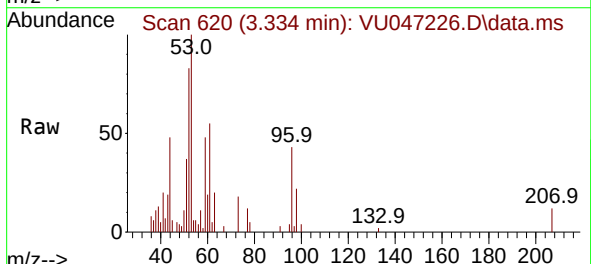
Manual Integrations
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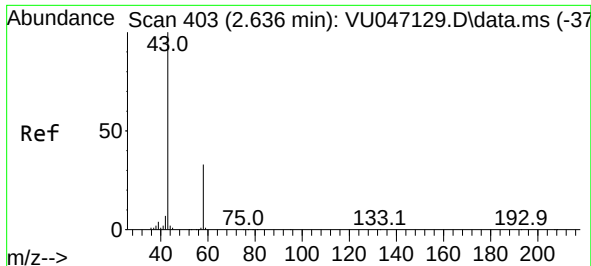
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#12
 Acrylonitrile
 Concen: 3.535 ug/l
 RT: 3.334 min Scan# 620
 Delta R.T. 0.013 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14

Tgt Ion: 53 Resp: 13074
 Ion Ratio Lower Upper
 53 100
 52 82.1 56.7 85.1
 51 36.5 30.3 45.5





#13

Acetone

Concen: 14.493 ug/l

RT: 2.658 min Scan# 410

Delta R.T. 0.022 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS02

Tgt Ion: 43 Resp: 2516

Ion Ratio Lower Upper

43 100

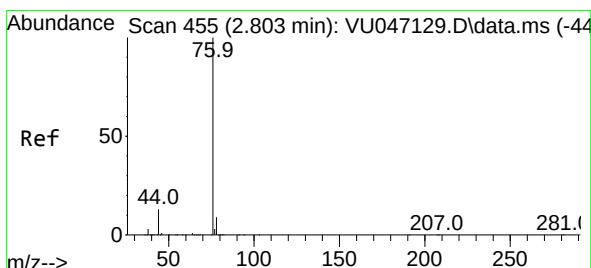
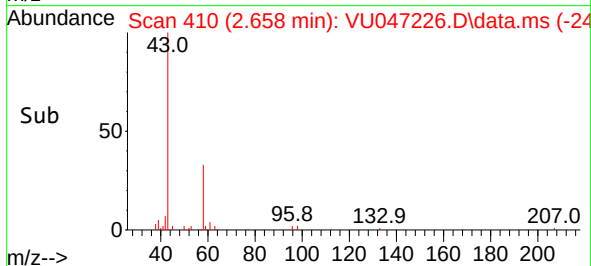
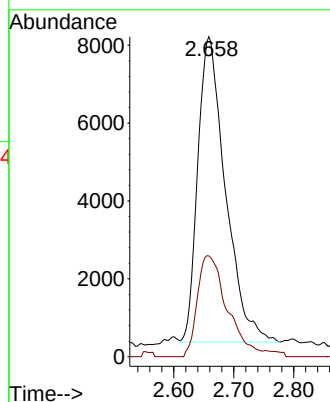
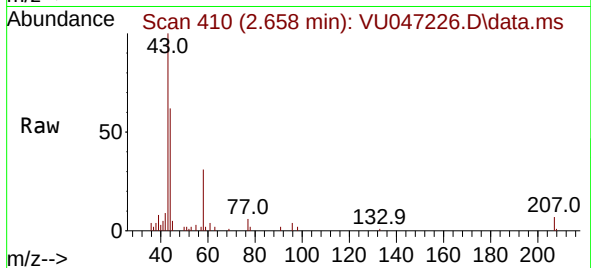
58 33.0 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#14

Carbon Disulfide

Concen: 1.830 ug/l

RT: 2.803 min Scan# 455

Delta R.T. 0.000 min

Lab File: VU047226.D

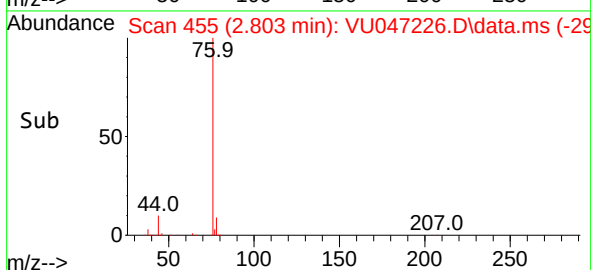
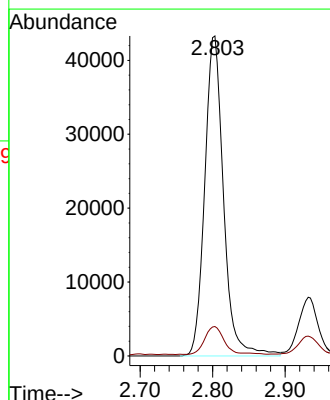
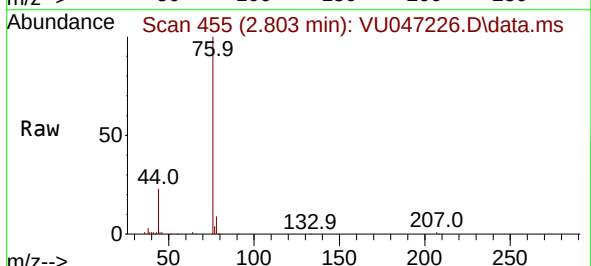
Acq: 21 Feb 2022 12:14

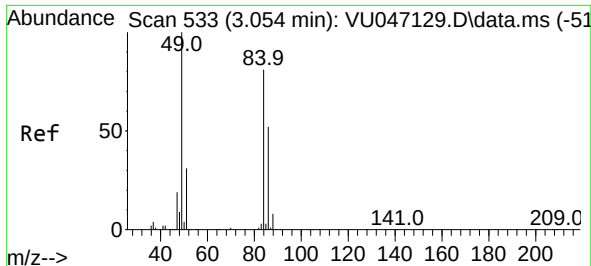
Tgt Ion: 76 Resp: 77994

Ion Ratio Lower Upper

76 100

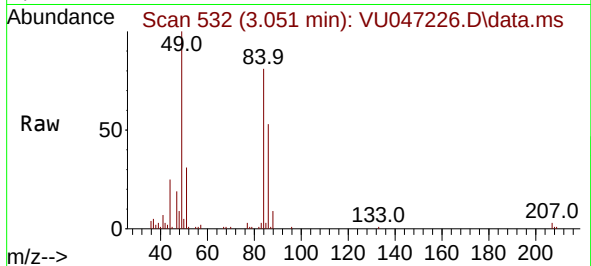
78 8.6 7.1 10.7





#15
Methylene Chloride
Concen: 2.104 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

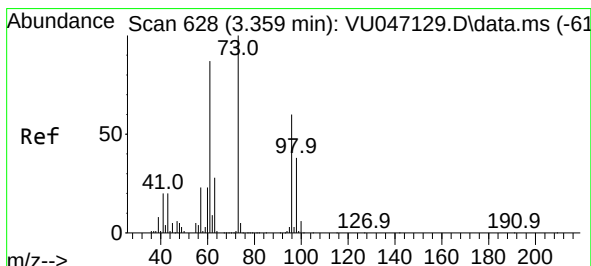
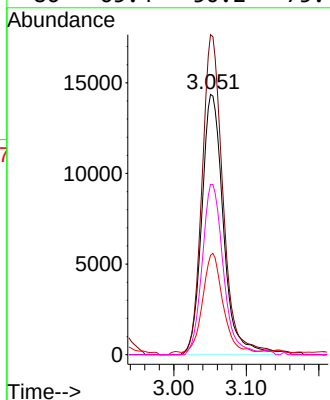
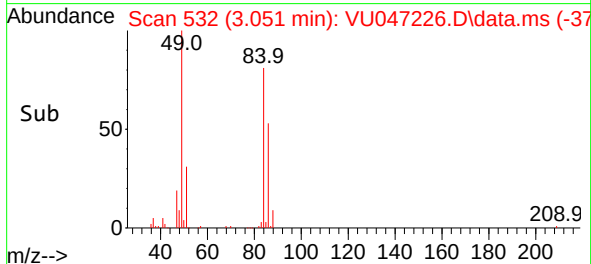
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion:	84	Resp:	2976
Ion	Ratio	Lower	Upper
84	100		
49	122.9	97.2	145.8
51	37.1	0.0	73.4
86	65.4	50.2	75.4

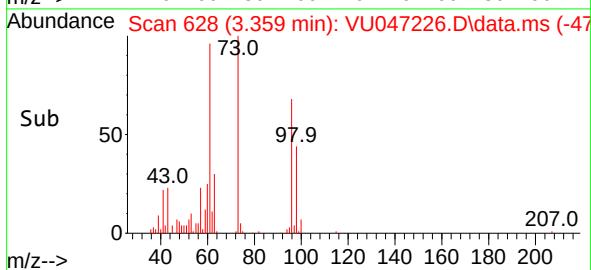
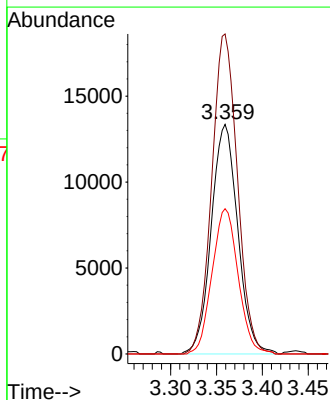
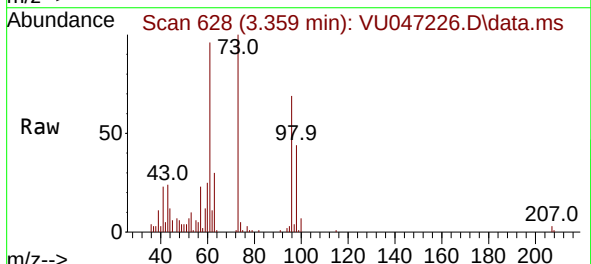
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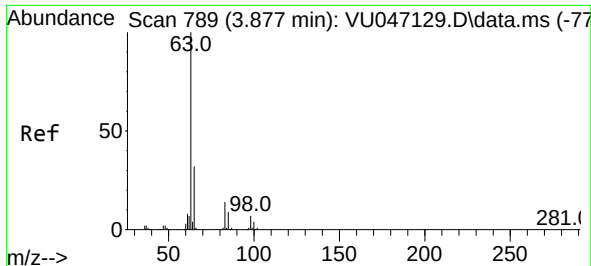
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#16
trans-1,2-Dichloroethene
Concen: 2.027 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

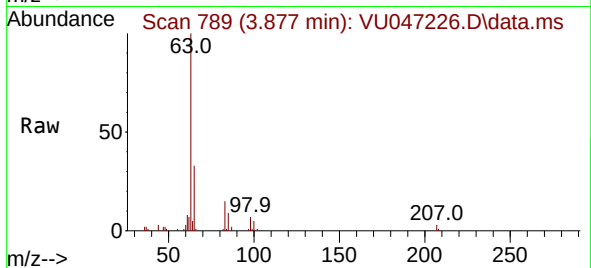
Tgt Ion:	96	Resp:	26952
Ion	Ratio	Lower	Upper
96	100		
61	139.4	115.8	173.6
98	63.3	51.1	76.7





#17
1,1-Dichloroethane
Concen: 1.869 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

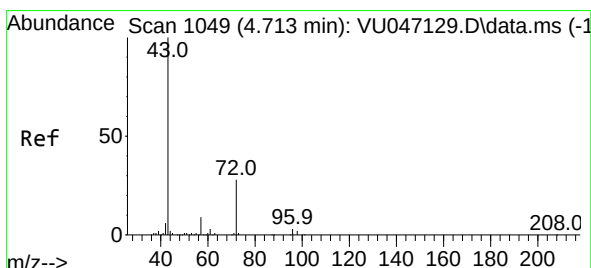
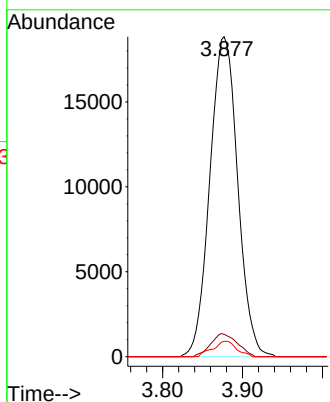
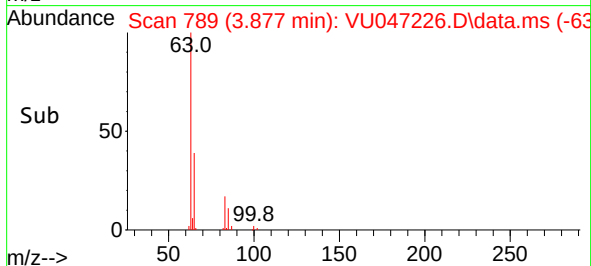
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



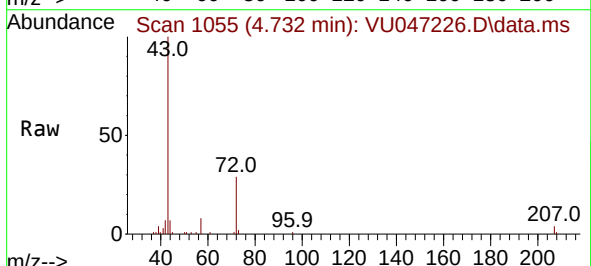
Tgt Ion: 63 Resp: 4554
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.8
100 4.8 2.1 6.5

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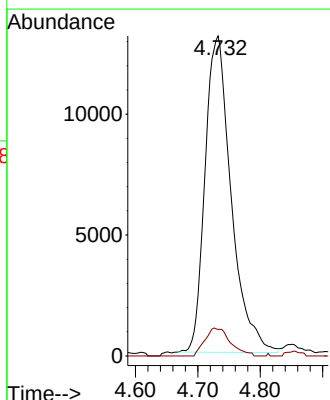
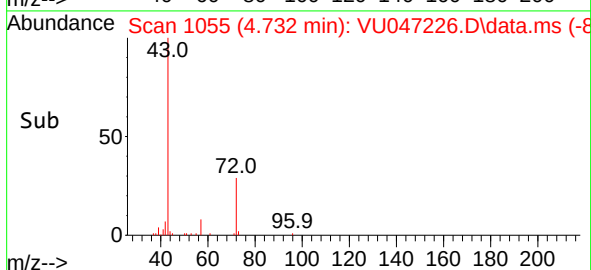
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

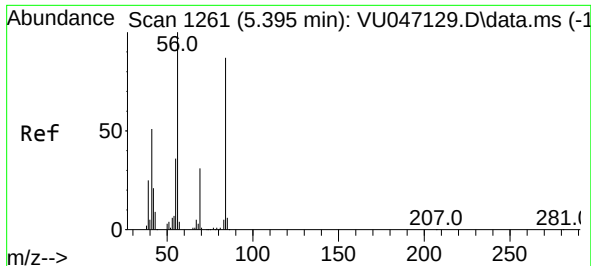


#18
2-Butanone
Concen: 10.227 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.019 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14



Tgt Ion: 43 Resp: 38103
Ion Ratio Lower Upper
43 100
57 8.4 0.0 16.6





#19

Cyclohexane

Concen: 1.815 ug/l m

RT: 5.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047226.D

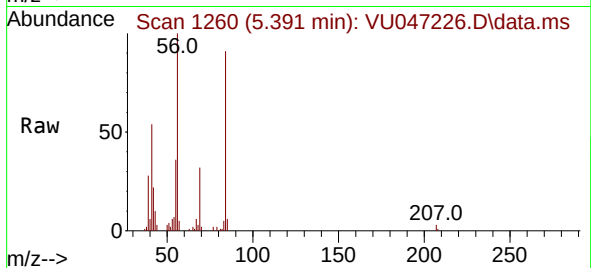
Acq: 21 Feb 2022 12:14

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS02



Tgt Ion: 56 Resp: 4097

Ion Ratio Lower Upper

56 100

69 30.6 24.7 37.1

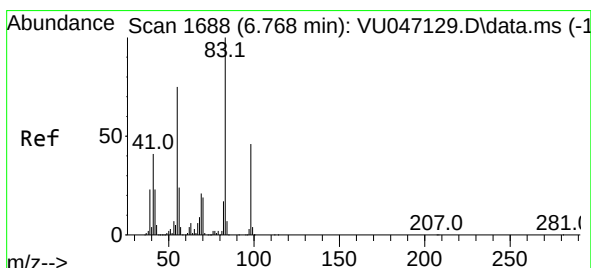
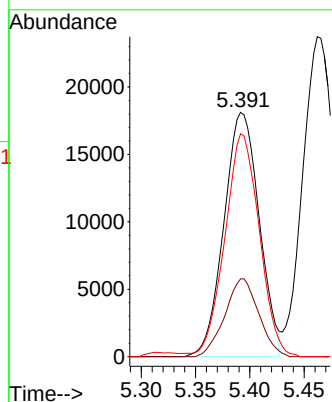
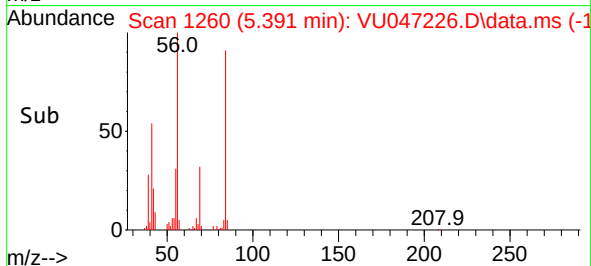
84 87.3 68.8 103.2

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#20

Methylcyclohexane

Concen: 1.866 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

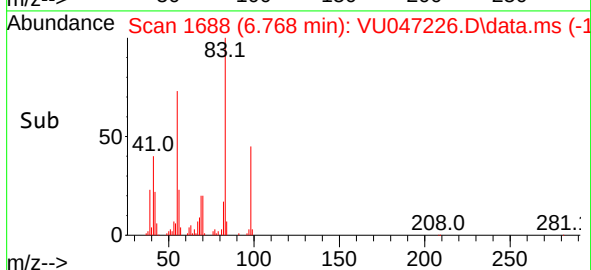
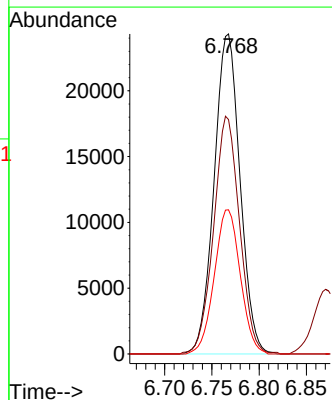
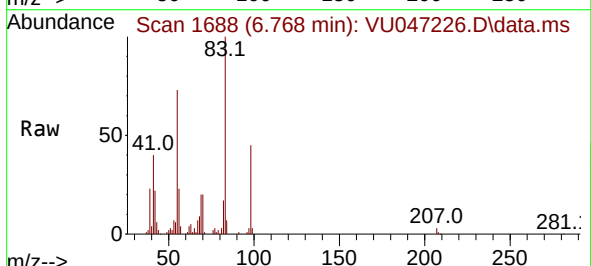
Tgt Ion: 83 Resp: 46419

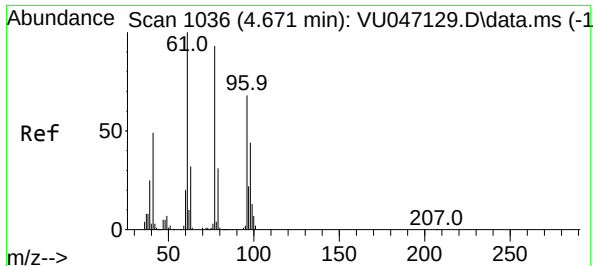
Ion Ratio Lower Upper

83 100

55 74.3 61.9 92.9

98 45.2 37.4 56.2





#21

2,2-Dichloropropane

Concen: 1.925 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS02

Tgt Ion: 77 Resp: 41910

Ion Ratio Lower Upper

77 100

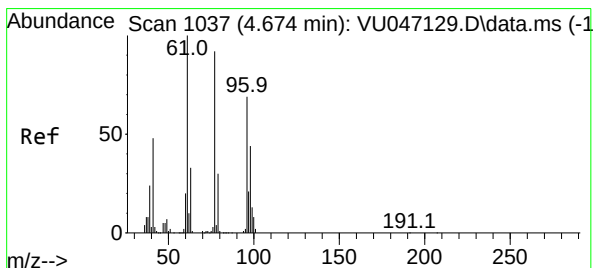
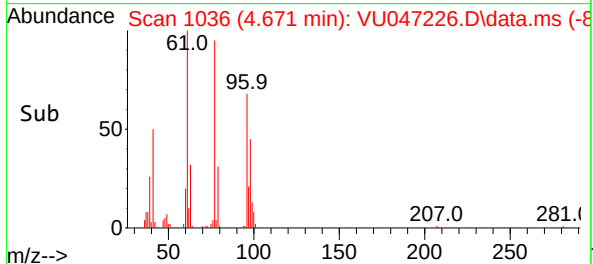
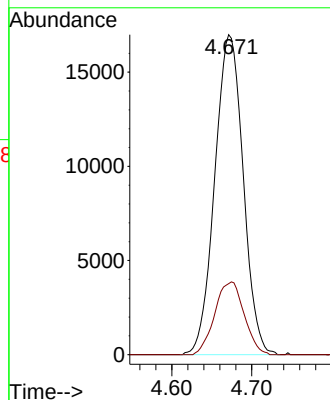
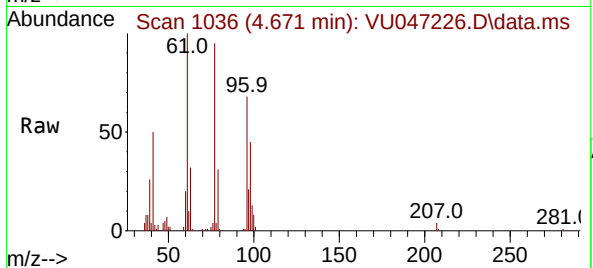
97 23.5 17.2 25.8

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#22

cis-1,2-Dichloroethene

Concen: 1.907 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

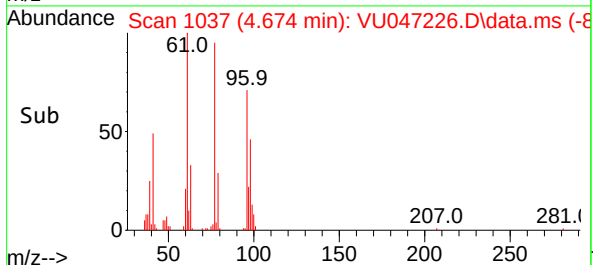
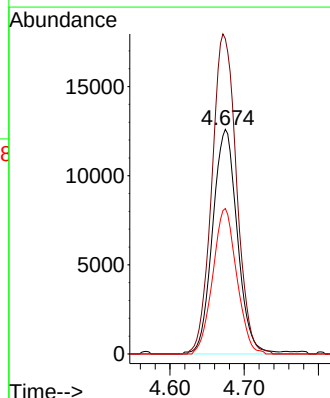
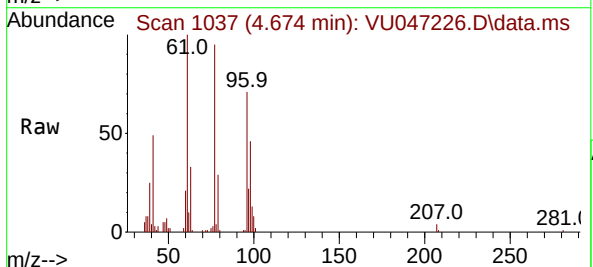
Tgt Ion: 96 Resp: 29170

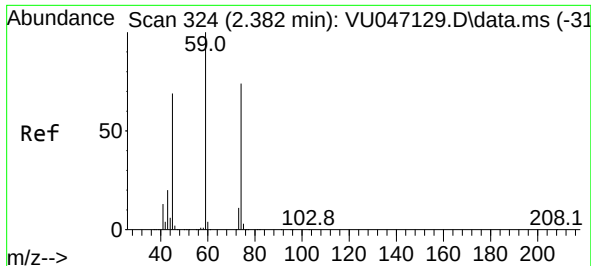
Ion Ratio Lower Upper

96 100

61 141.7 0.0 385.3

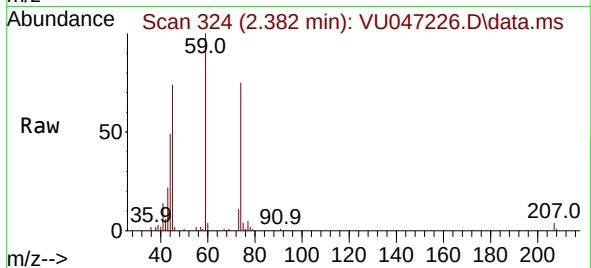
98 62.6 32.1 96.3





#23
Diethyl Ether
Concen: 1.811 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

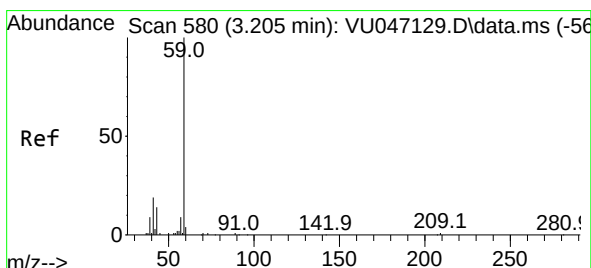
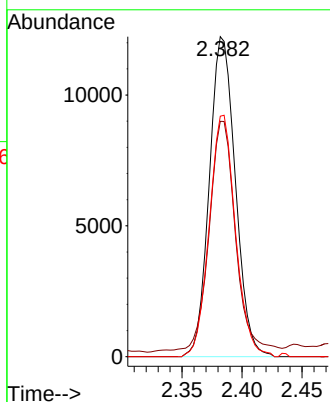
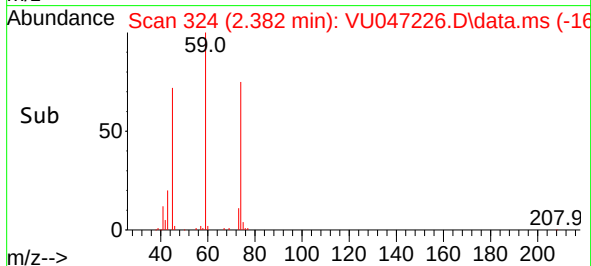
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



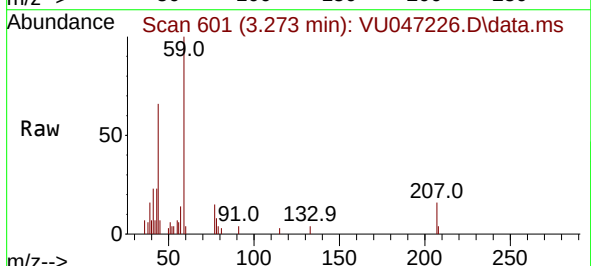
Tgt Ion: 59 Resp: 1844
Ion Ratio Lower Upper
59 100
45 73.6 55.6 83.4
74 76.0 58.1 87.1

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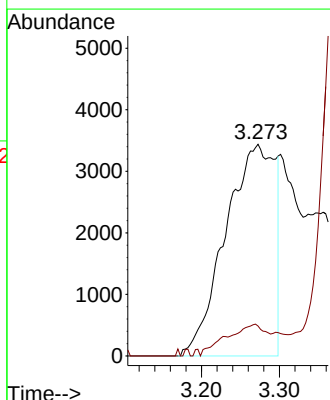
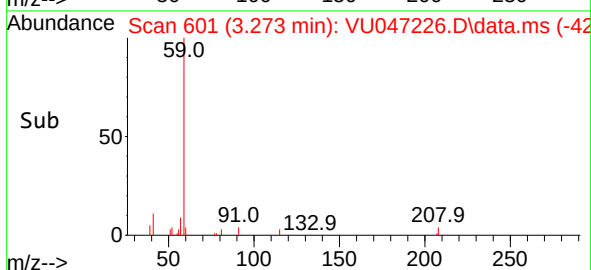
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

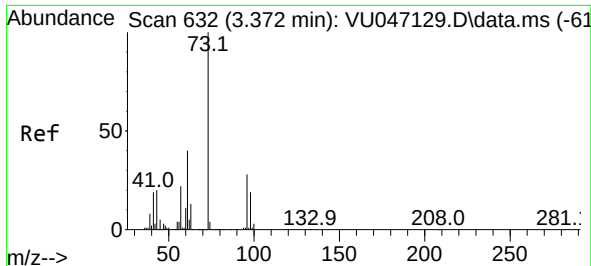


#24
tert-Butyl Alcohol
Concen: 22.973 ug/l m
RT: 3.273 min Scan# 601
Delta R.T. 0.068 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14



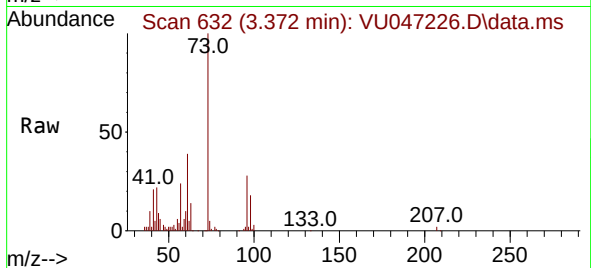
Tgt Ion: 59 Resp: 15214
Ion Ratio Lower Upper
59 100
57 12.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.866 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

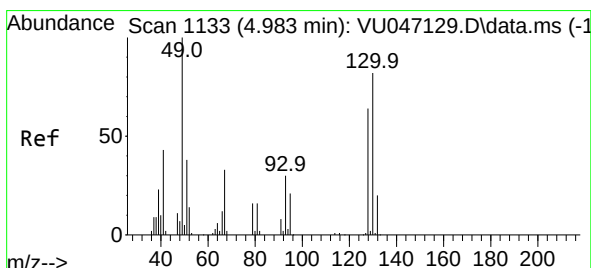
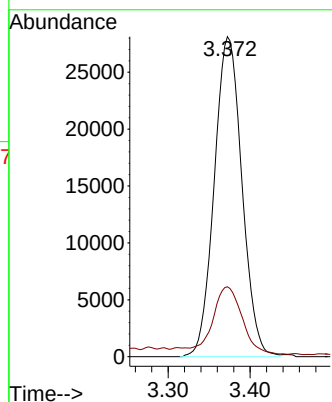
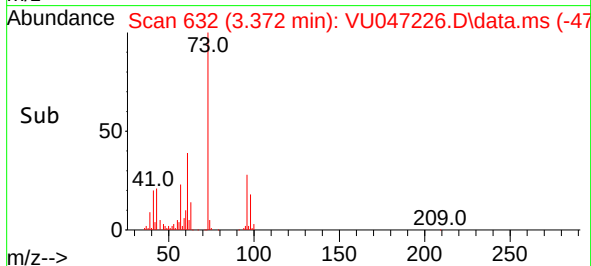
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion: 73 Resp: 6594
Ion Ratio Lower Upper
73 100
43 22.1 16.3 24.5

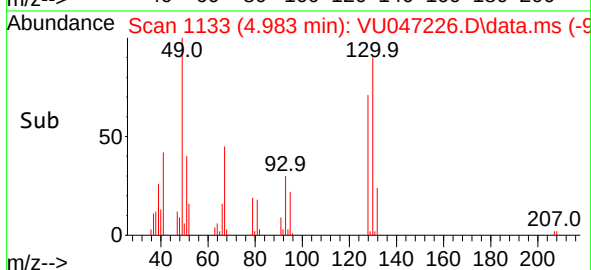
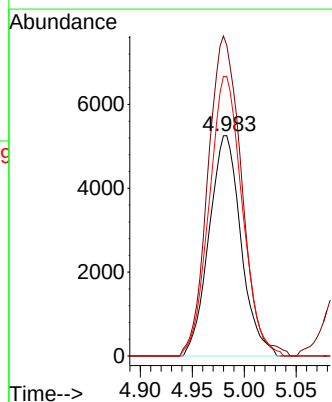
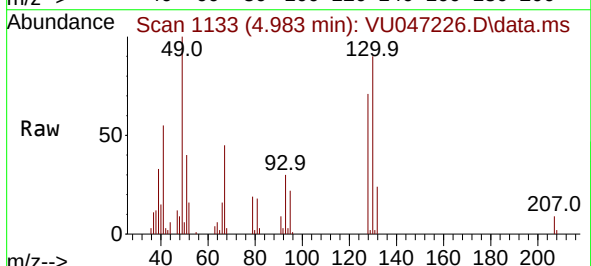
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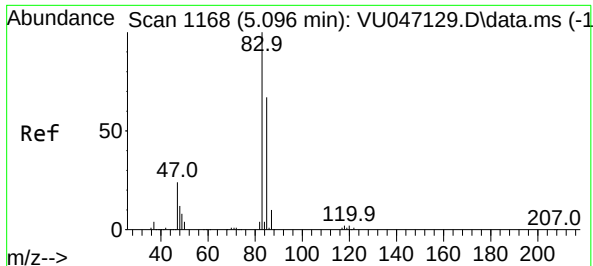
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#26
Bromochloromethane
Concen: 1.633 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Tgt Ion:128 Resp: 11233
Ion Ratio Lower Upper
128 100
49 152.2 0.0 347.4
130 131.3 101.5 152.3





#27

Chloroform

Concen: 1.939 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS02

Tgt Ion: 83 Resp: 47929

Ion Ratio Lower Upper

83 100

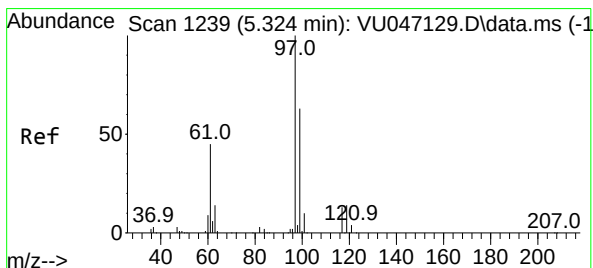
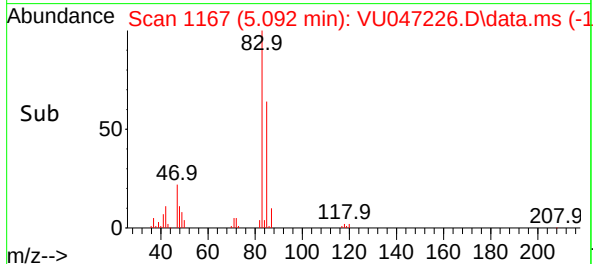
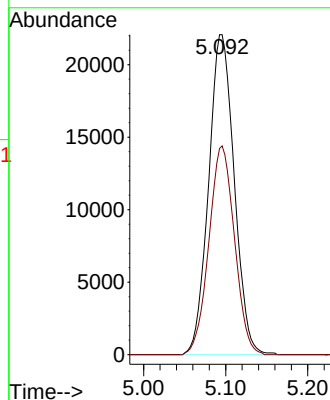
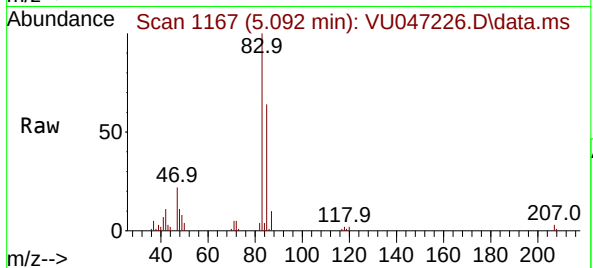
85 64.4 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#28

1,1,1-Trichloroethane

Concen: 1.940 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

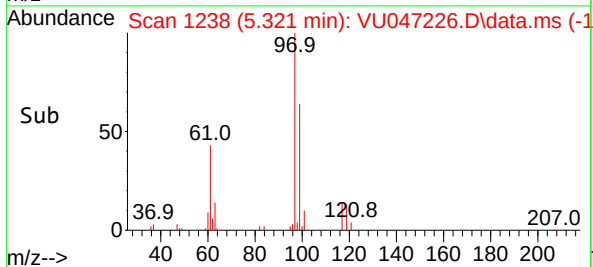
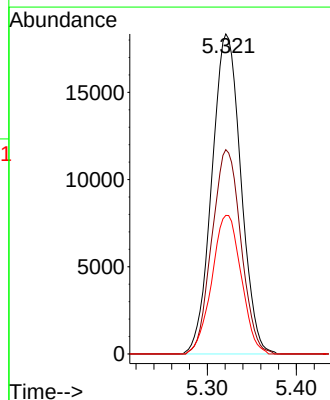
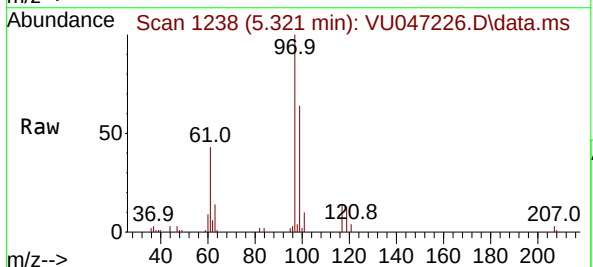
Tgt Ion: 97 Resp: 41512

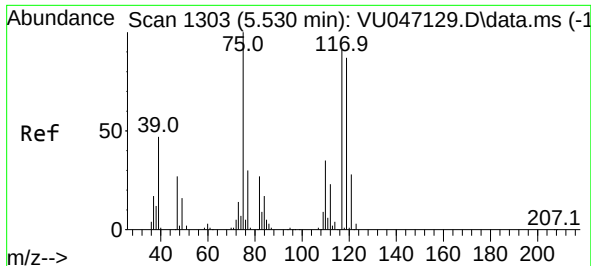
Ion Ratio Lower Upper

97 100

99 63.9 32.2 96.6

61 43.9 24.5 73.5





#29

1,1-Dichloropropene

Concen: 1.884 ug/l

RT: 5.530 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS02

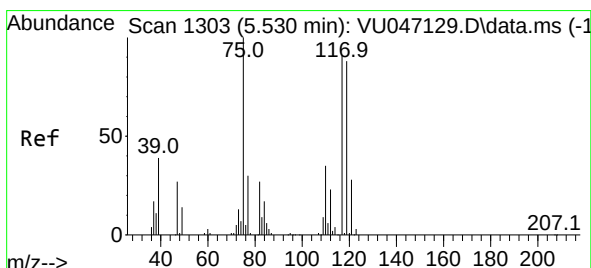
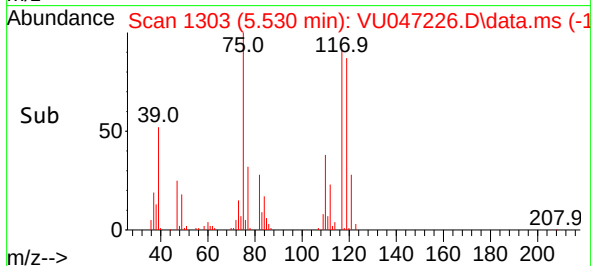
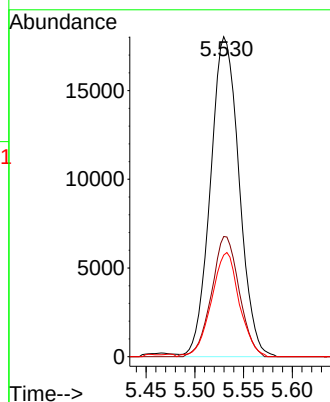
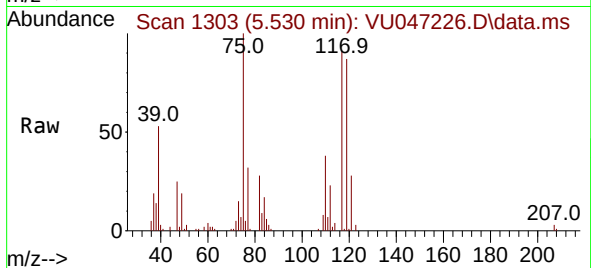
Tgt Ion:	75	Resp:	3690
Ion Ratio	Lower	Upper	
75	100		
110	36.3	16.8	50.3
77	31.7	24.7	37.1

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#30

Carbon Tetrachloride

Concen: 1.862 ug/l

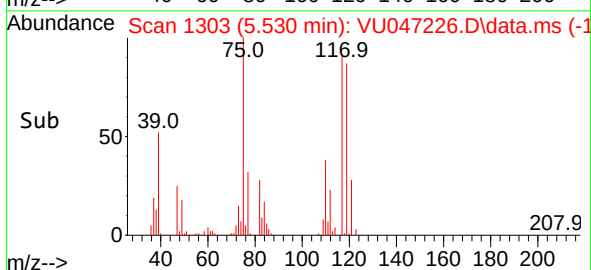
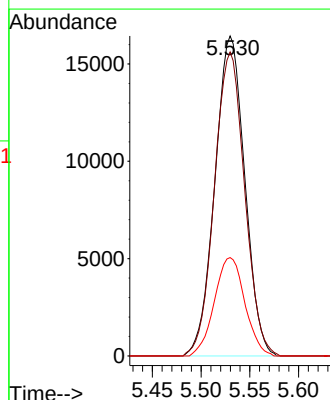
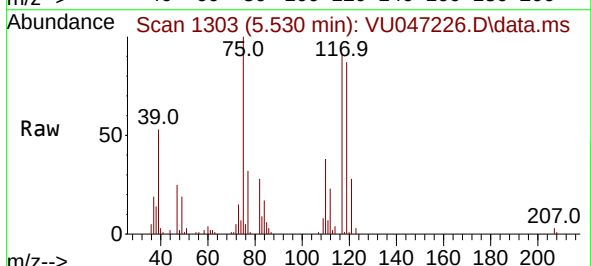
RT: 5.530 min Scan# 1303

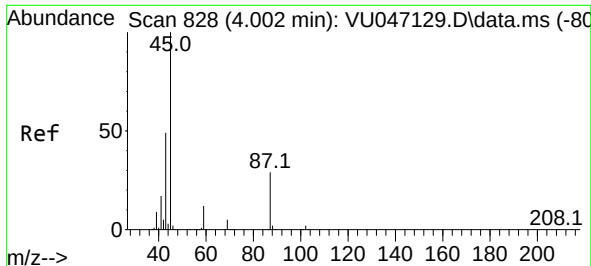
Delta R.T. 0.000 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

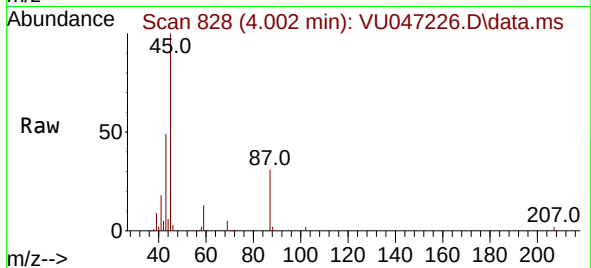
Tgt Ion:	117	Resp:	35028
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.8	115.2
121	30.7	24.6	37.0





#31
Isopropyl Ether
Concen: 1.833 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

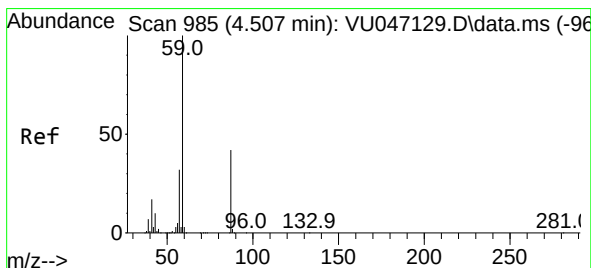
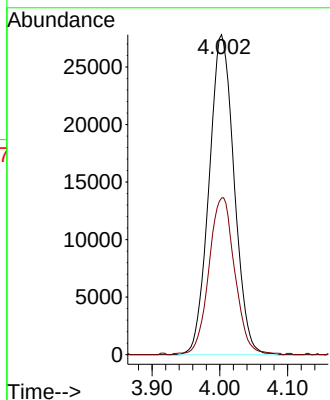
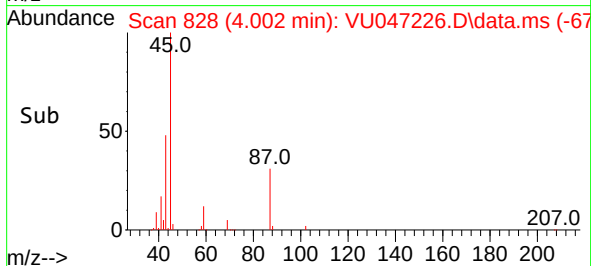
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



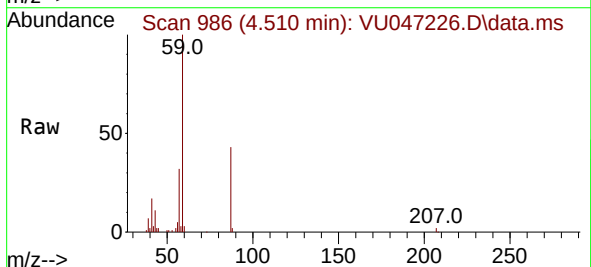
Tgt Ion: 45 Resp: 71424
Ion Ratio Lower Upper
45 100
43 50.8 25.3 75.8

Manual Integrations
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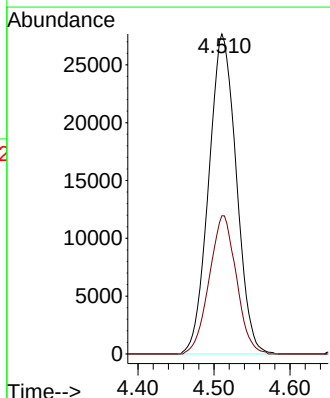
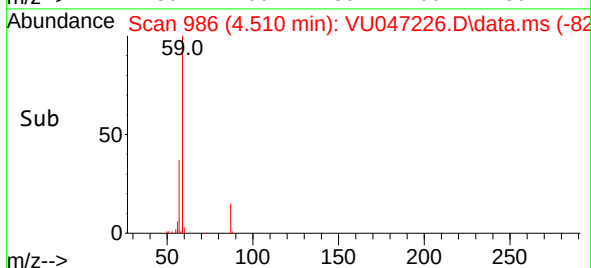
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

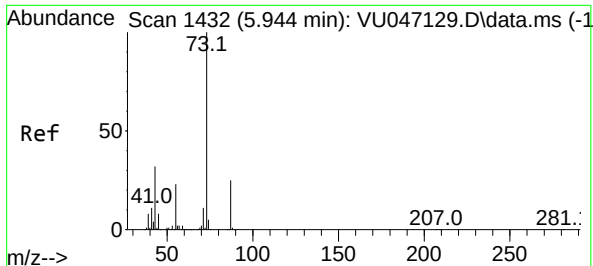


#32
Ethyl-t-butyl ether
Concen: 1.756 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14



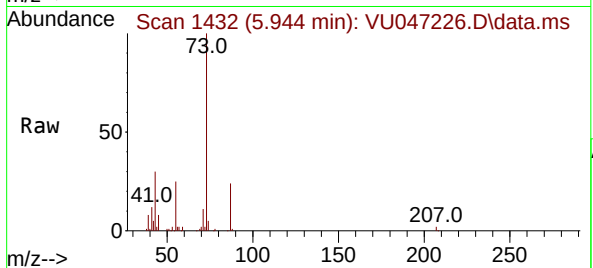
Tgt Ion: 59 Resp: 69575
Ion Ratio Lower Upper
59 100
87 42.6 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.626 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

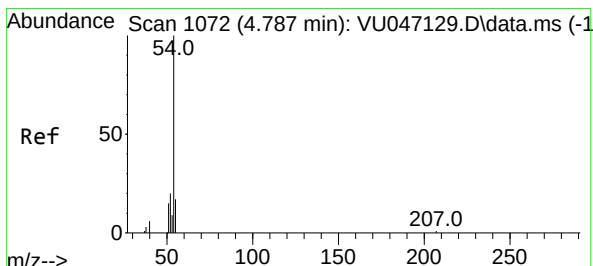
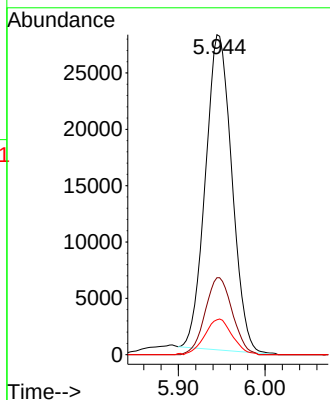
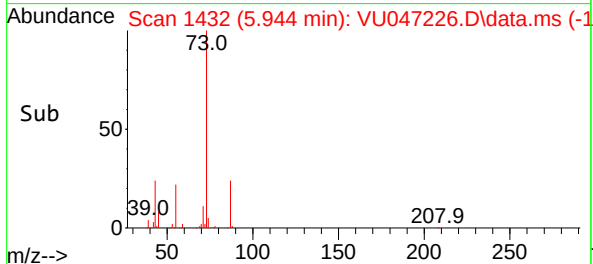
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion: 73 Resp: 5932
Ion Ratio Lower Upper
73 100
87 25.1 18.6 28.0
71 11.7 9.0 13.6

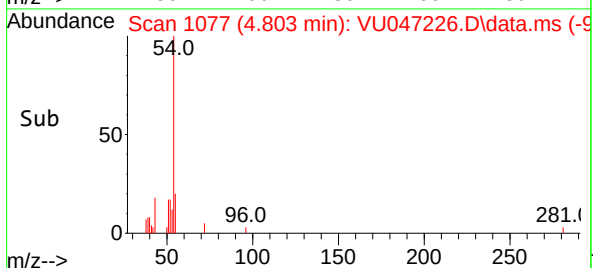
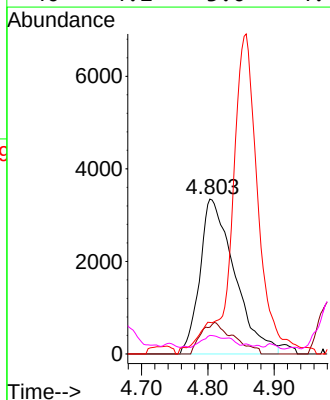
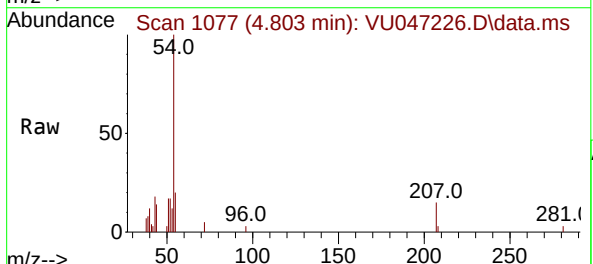
Manual Integrations
APPROVED

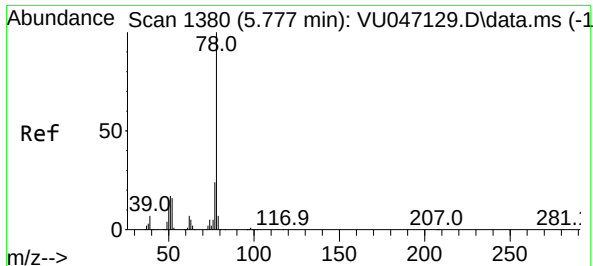
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#34
Propionitrile
Concen: 13.660 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.016 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

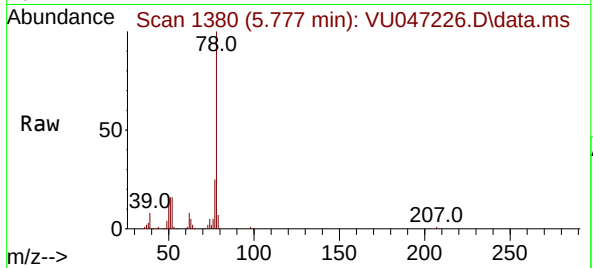
Tgt Ion: 54 Resp: 12166
Ion Ratio Lower Upper
54 100
52 18.9 11.9 17.9#
55 0.0 8.0 12.0#
40 4.2 3.0 4.4





#35
Benzene
Concen: 1.921 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

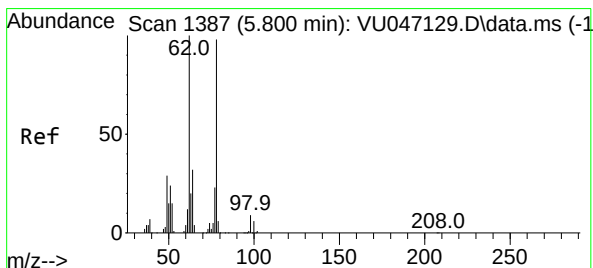
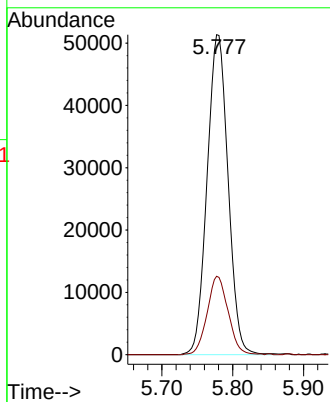
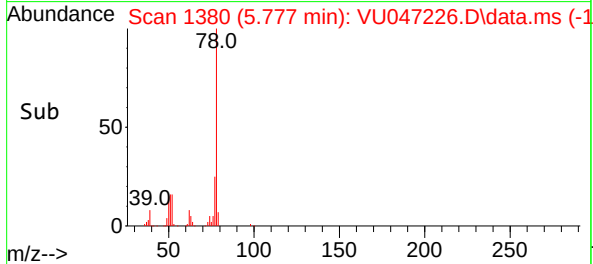
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



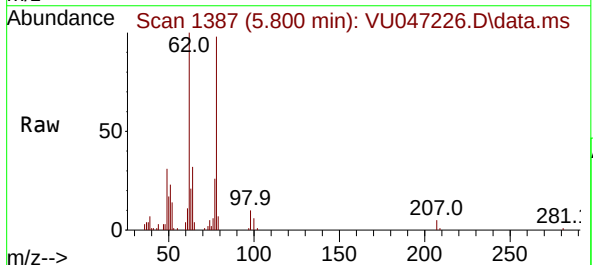
Tgt Ion: 78 Resp: 105450
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

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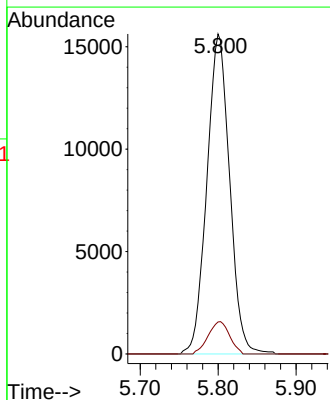
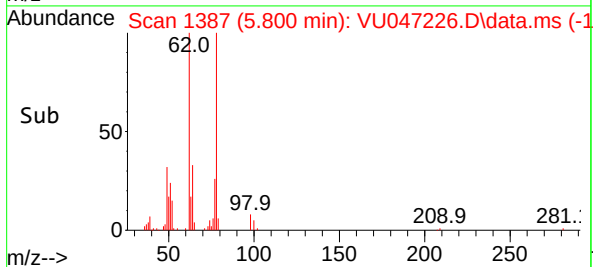
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

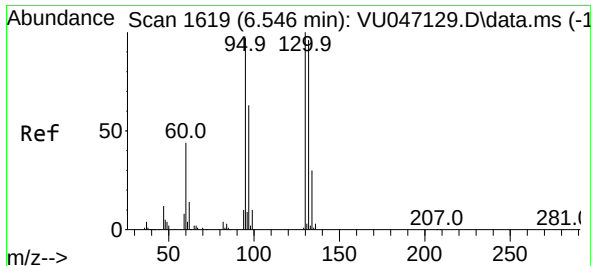


#36
1,2-Dichloroethane
Concen: 1.909 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14



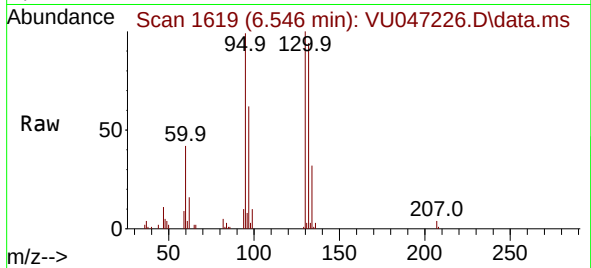
Tgt Ion: 62 Resp: 31729
Ion Ratio Lower Upper
62 100
98 9.5 7.3 10.9





#37
Trichloroethene
Concen: 1.991 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

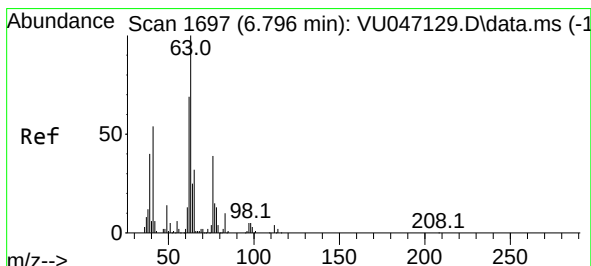
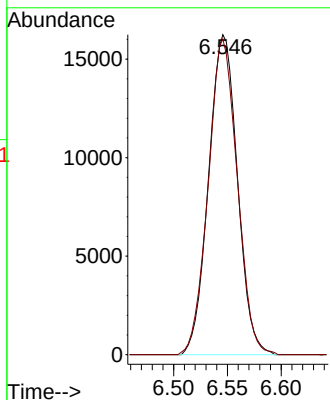
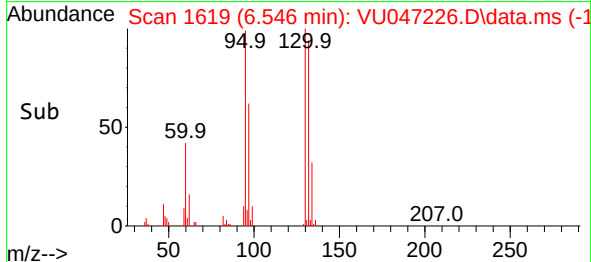
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



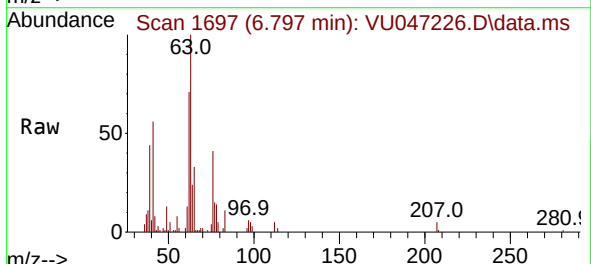
Tgt Ion:130 Resp: 3027
Ion Ratio Lower Upper
130 100
95 98.6 83.8 125.8

Manual Integrations
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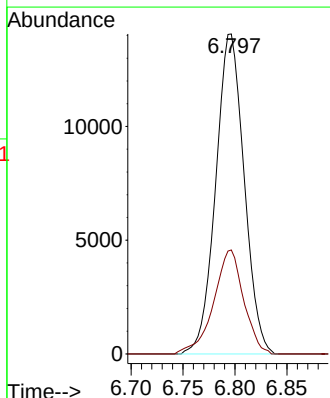
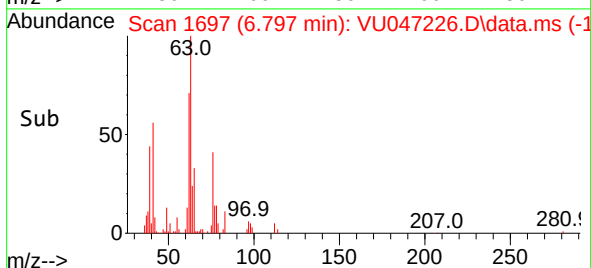
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

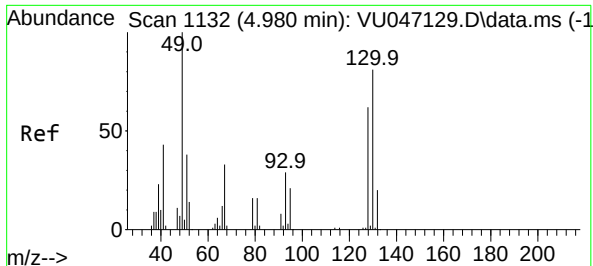


#38
1,2-Dichloropropane
Concen: 1.842 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14



Tgt Ion: 63 Resp: 26757
Ion Ratio Lower Upper
63 100
65 32.5 24.7 37.1





#39

Methacrylonitrile

Concen: 1.960 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS02

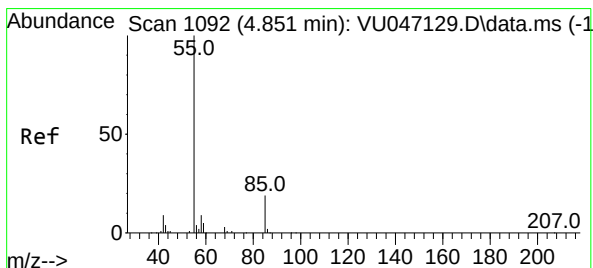
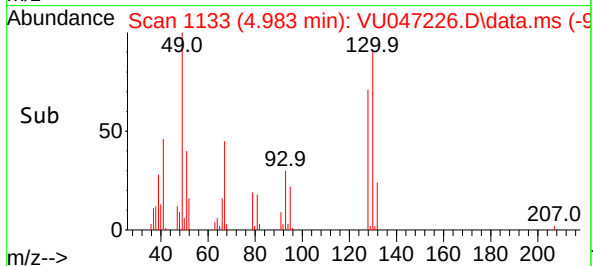
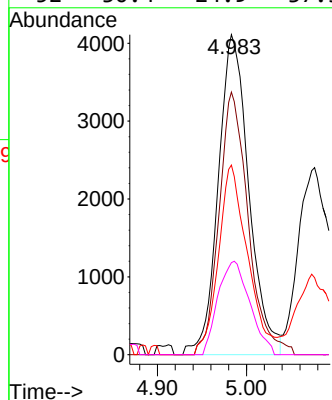
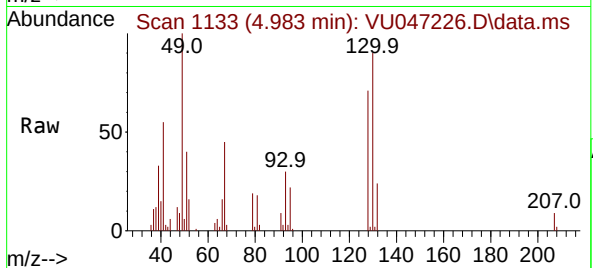
Tgt Ion:	41	Resp:	981
Ion	Ratio	Lower	Upper
41	100		
67	78.2	65.2	97.8
39	56.6	43.0	64.6
52	30.4	24.9	37.3

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#40

Methyl acrylate

Concen: 2.250 ug/l

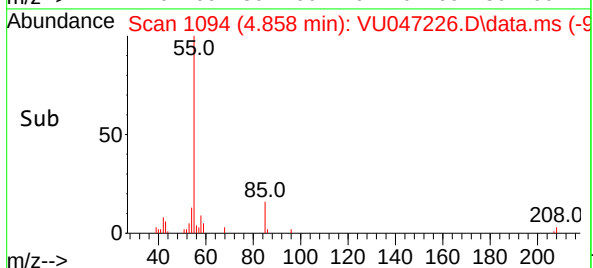
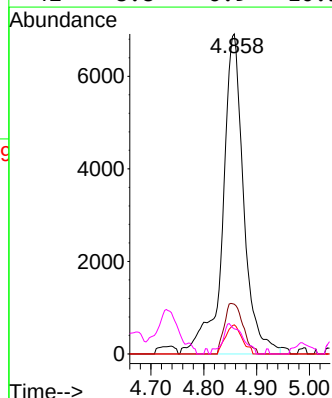
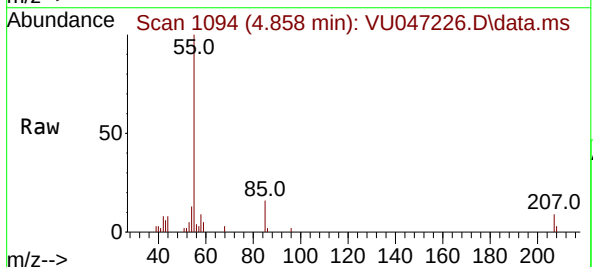
RT: 4.858 min Scan# 1094

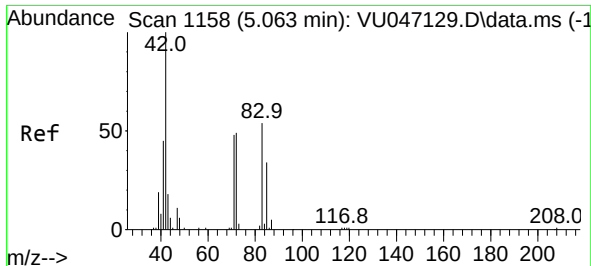
Delta R.T. 0.006 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

Tgt Ion:	55	Resp:	19047
Ion	Ratio	Lower	Upper
55	100		
85	14.0	12.2	18.2
58	7.2	6.7	10.1
42	8.8	6.9	10.3





#41

Tetrahydrofuran

Concen: 4.102 ug/l

RT: 5.073 min Scan# 1158

Delta R.T. 0.010 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS02

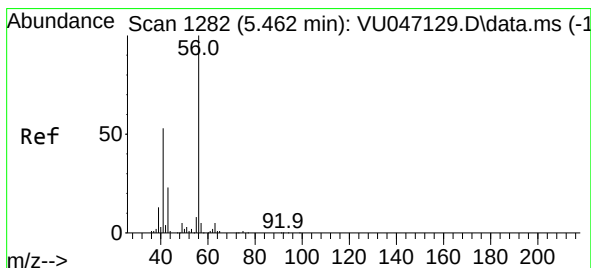
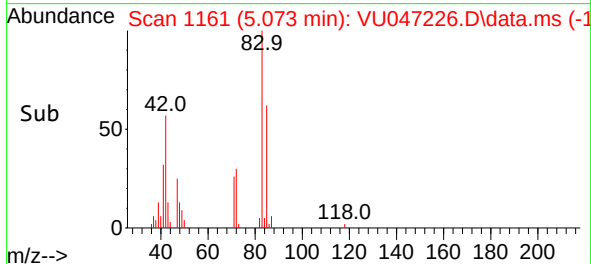
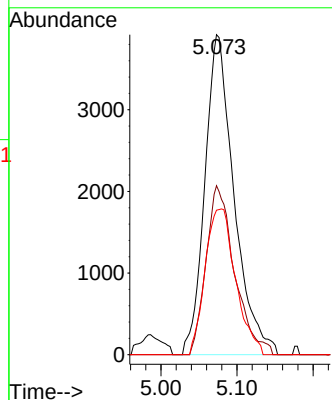
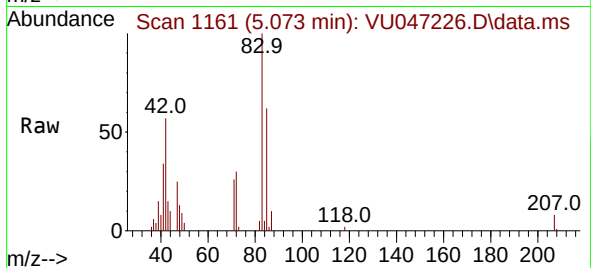
Tgt Ion: 42	Resp: 1046
Ion Ratio	Lower Upper
42 100	
72 51.5	42.4 63.6
71 47.3	36.4 54.6

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#42

1-Chlorobutane

Concen: 1.856 ug/l

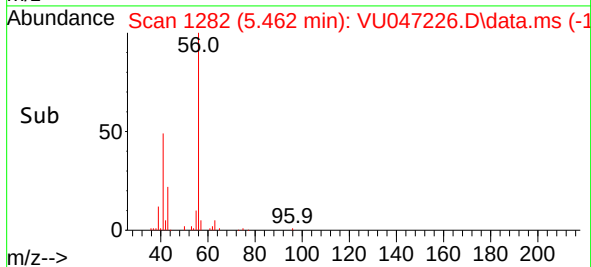
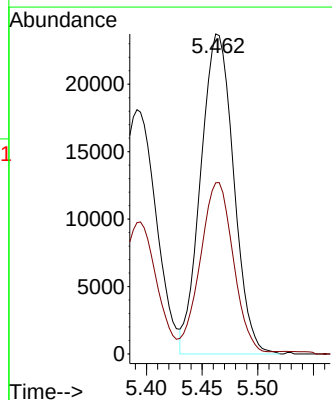
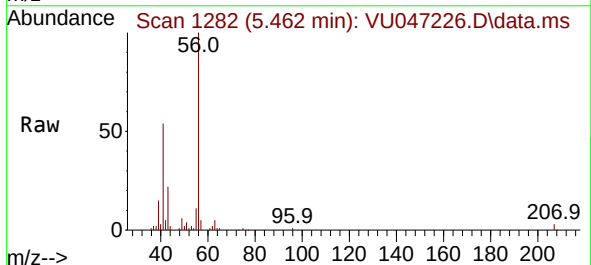
RT: 5.462 min Scan# 1282

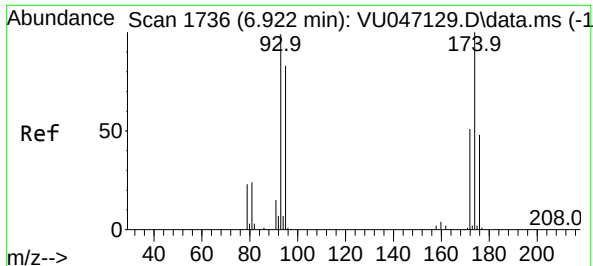
Delta R.T. 0.000 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

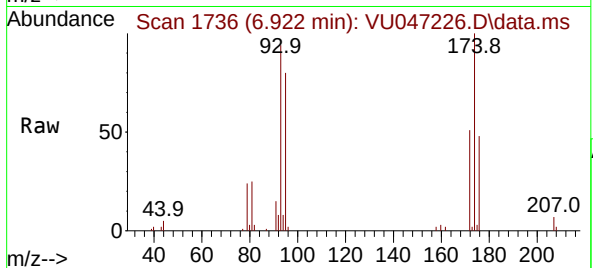
Tgt Ion: 56	Resp: 48826
Ion Ratio	Lower Upper
56 100	
41 53.0	26.0 78.0





#43
Dibromomethane
Concen: 1.908 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

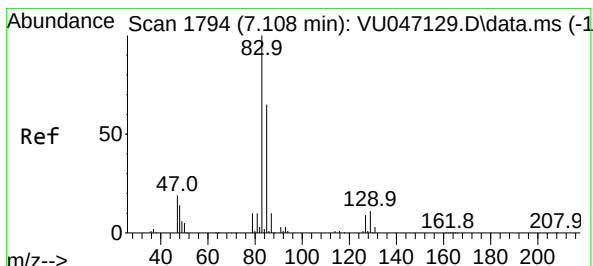
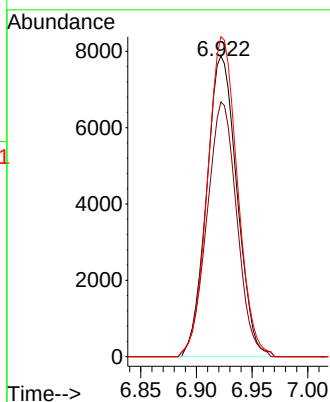
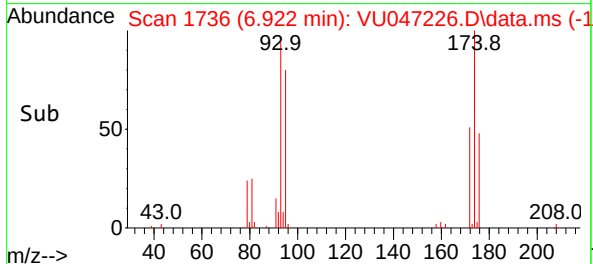
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



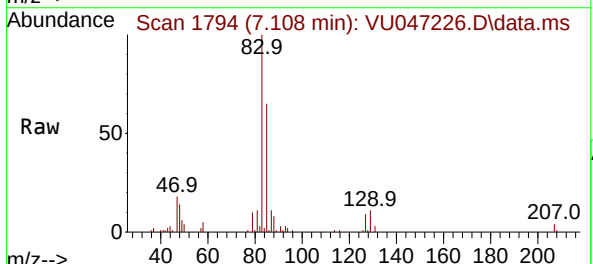
Tgt Ion: 93 Resp: 1494
Ion Ratio Lower Upper
93 100
95 83.2 66.2 99.2
174 105.0 70.7 106.1

Manual Integrations
APPROVED

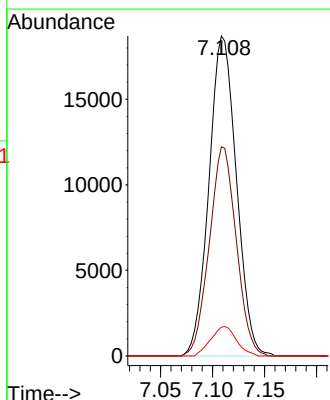
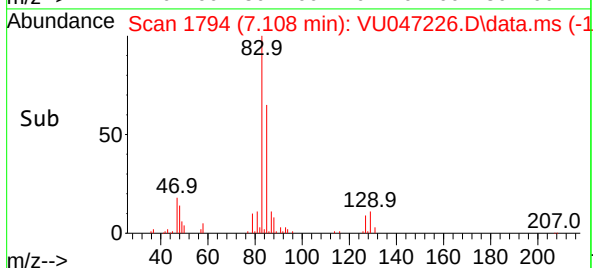
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

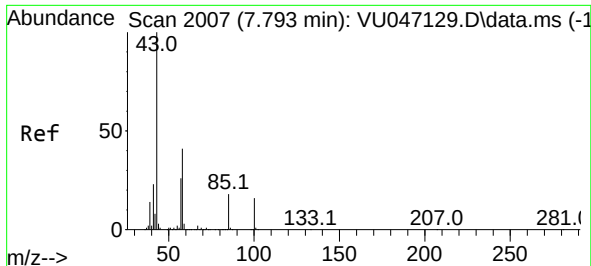


#44
Bromodichloromethane
Concen: 1.856 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14



Tgt Ion: 83 Resp: 34388
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3
127 9.0 6.0 9.0#





#45

4-Methyl-2-Pentanone

Concen: 8.423 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS02

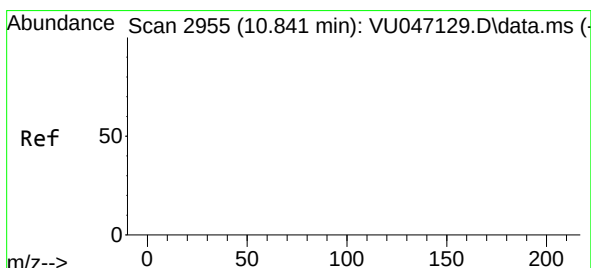
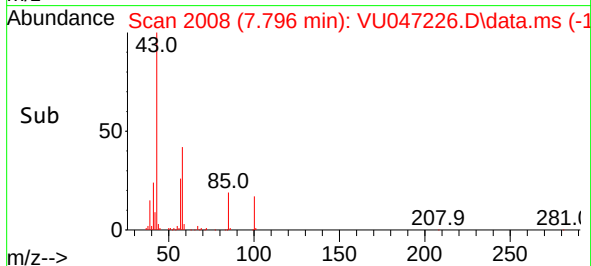
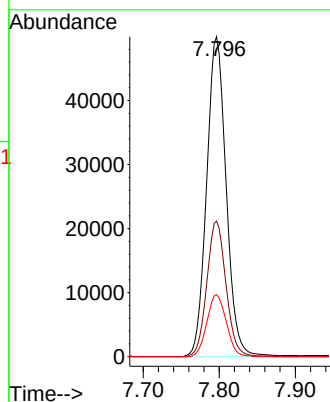
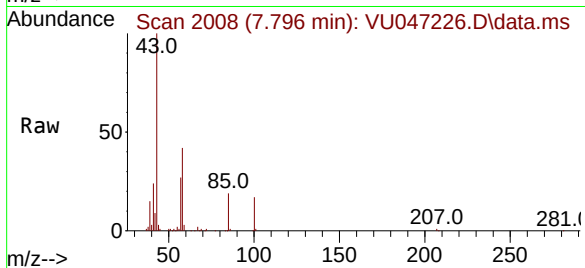
Tgt Ion: 43	Resp: 8925
Ion Ratio	Lower Upper
43	100
58	41.6 21.0 63.0
85	19.2 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#46

t-1,4-Dichloro-2-butene

Concen: 2.203 ug/l m

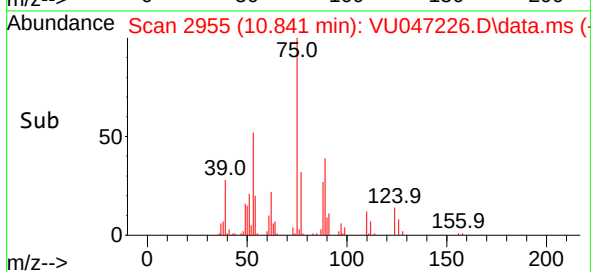
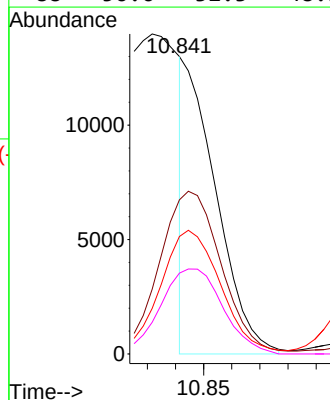
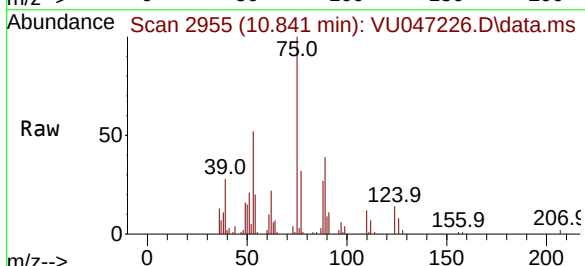
RT: 10.841 min Scan# 2955

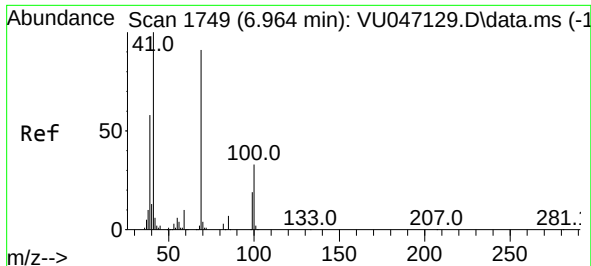
Delta R.T. 0.000 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

Tgt Ion: 75	Resp: 10162
Ion Ratio	Lower Upper
75	100
53	107.4 66.8 100.2#
89	80.1 41.7 62.5#
88	56.6 32.3 48.5#





#47

Methyl methacrylate

Concen: 3.633 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS02

Tgt Ion: 69 Resp: 2985

Ion Ratio Lower Upper

69 100

41 108.1 0.0 230.0

39 62.5 55.1 82.7

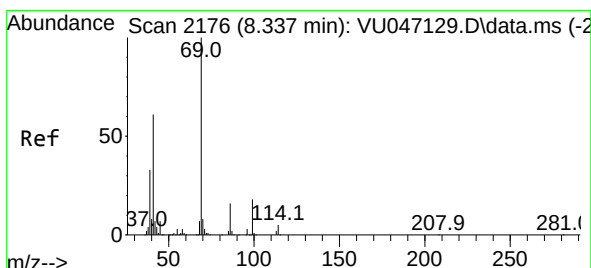
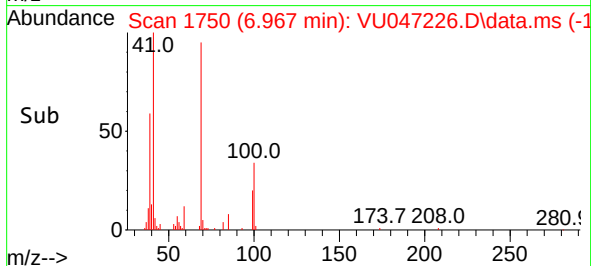
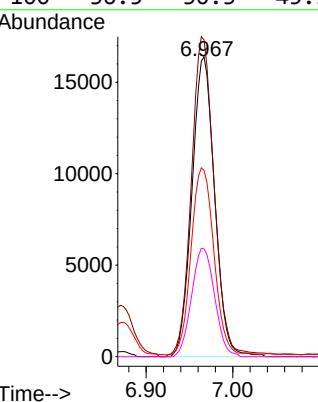
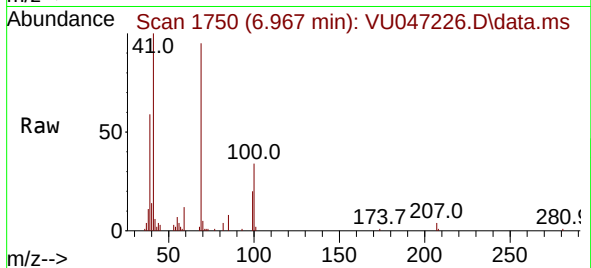
100 36.5 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#48

Ethyl methacrylate

Concen: 1.793 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047226.D

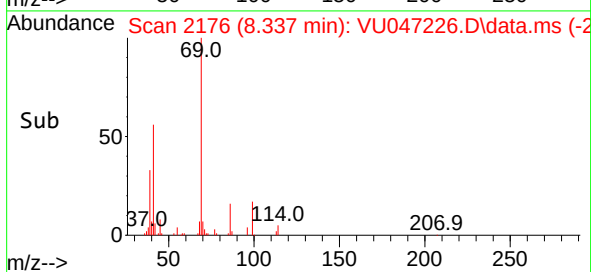
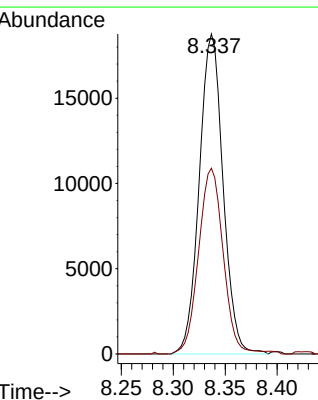
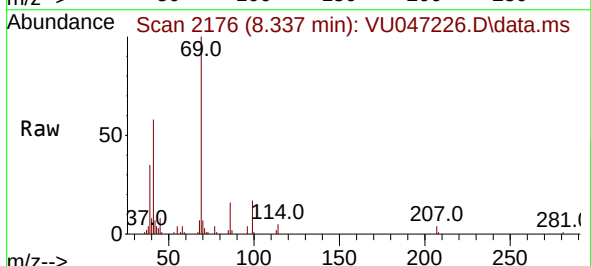
Acq: 21 Feb 2022 12:14

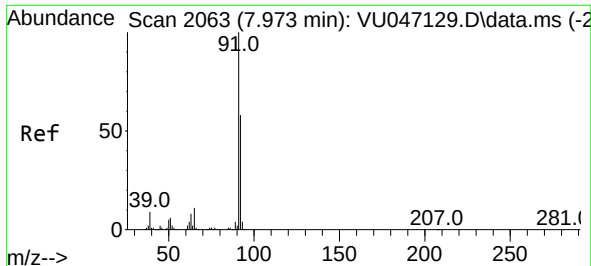
Tgt Ion: 69 Resp: 29874

Ion Ratio Lower Upper

69 100

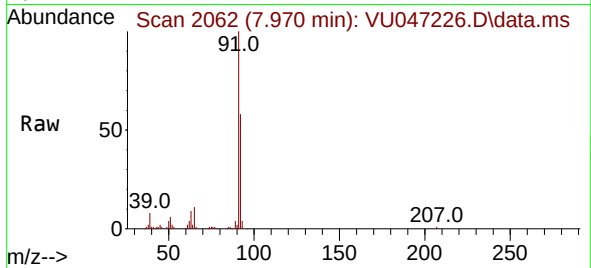
41 60.1 32.6 98.0





#49
Toluene
Concen: 1.867 ug/l
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

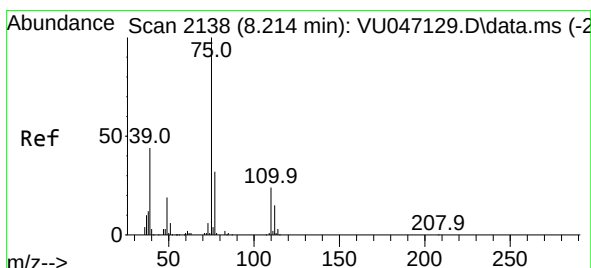
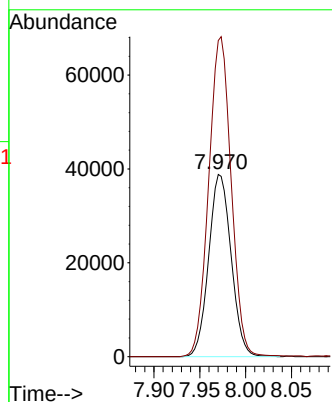
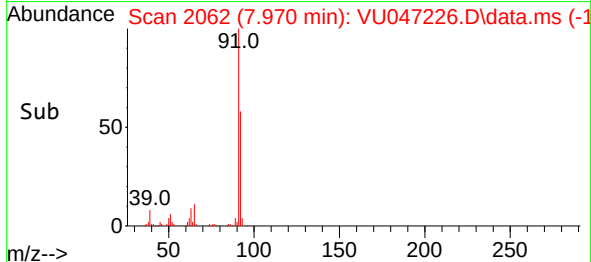
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion: 92 Resp: 6611
Ion Ratio Lower Upper
92 100
91 175.7 136.8 205.2

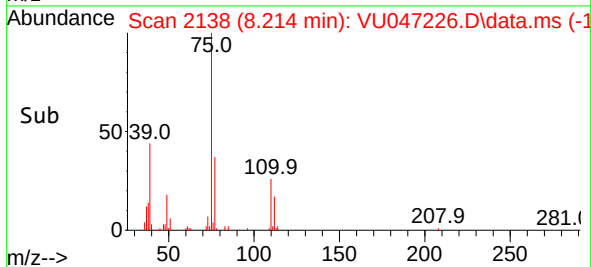
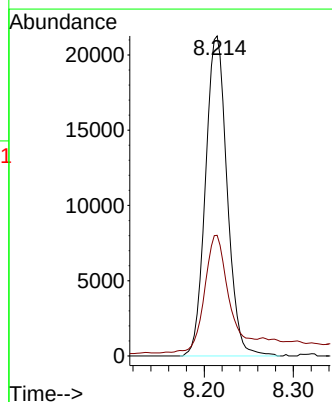
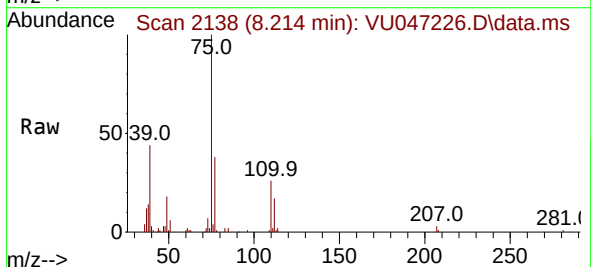
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APPROVED

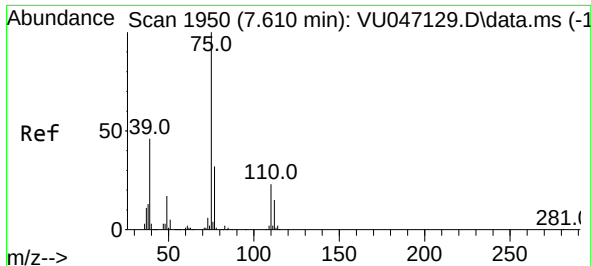
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#50
t-1,3-Dichloropropene
Concen: 1.787 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Tgt Ion: 75 Resp: 35847
Ion Ratio Lower Upper
75 100
77 36.0 25.6 38.4





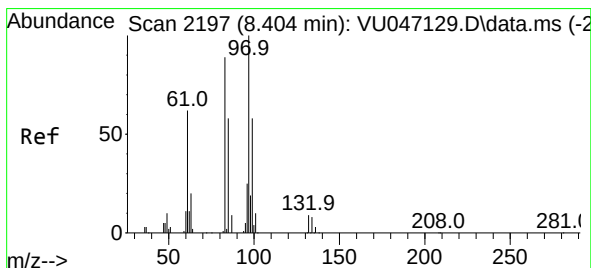
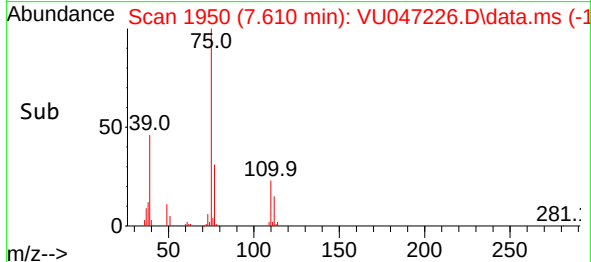
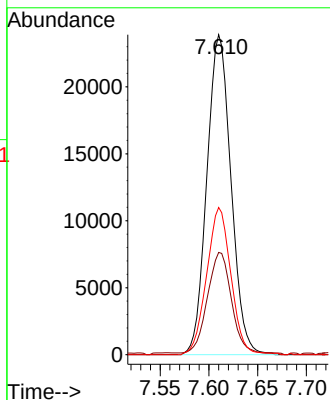
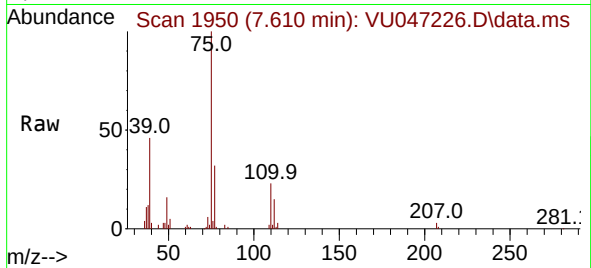
#51
cis-1,3-Dichloropropene
Concen: 1.831 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02

Tgt Ion: 75 Resp: 41170
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 46.0 38.6 57.8

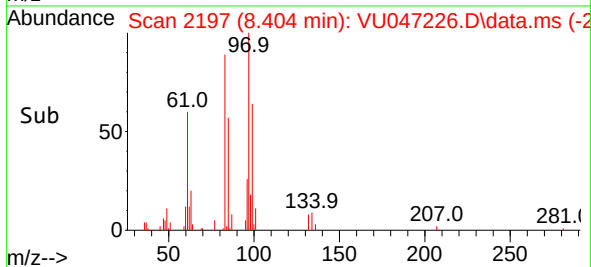
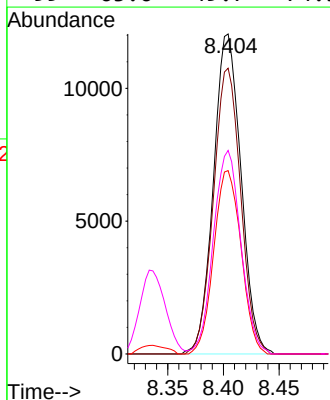
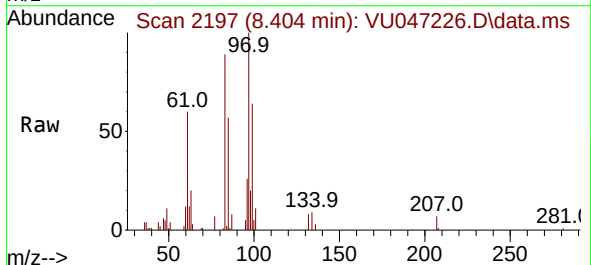
Manual Integrations
APPROVED

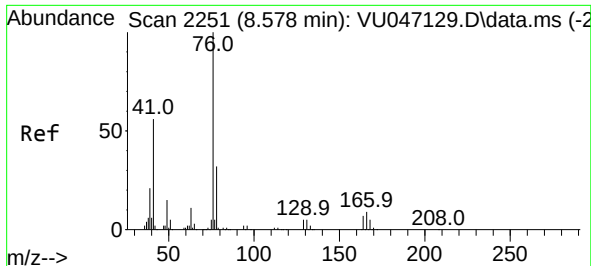
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#52
1,1,2-Trichloroethane
Concen: 1.854 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Tgt Ion: 97 Resp: 20722
Ion Ratio Lower Upper
97 100
83 89.3 69.8 104.8
85 57.3 44.2 66.4
99 63.6 49.7 74.5





#53

1,3-Dichloropropane

Concen: 1.800 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS02

Tgt Ion: 76 Resp: 35958

Ion Ratio Lower Upper

76 100

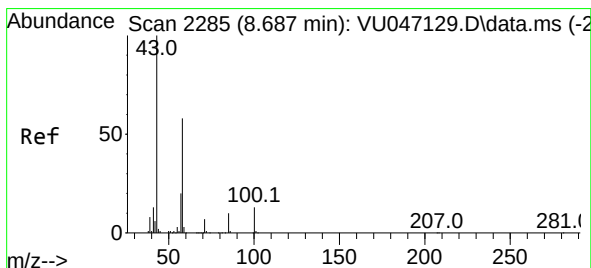
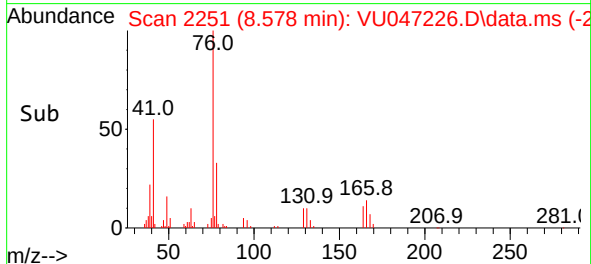
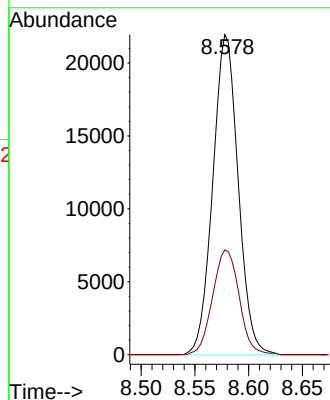
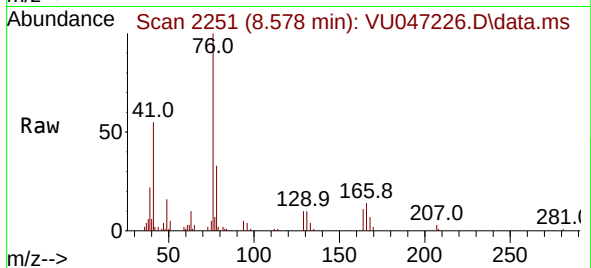
78 34.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#54

2-Hexanone

Concen: 8.002 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU047226.D

Acq: 21 Feb 2022 12:14

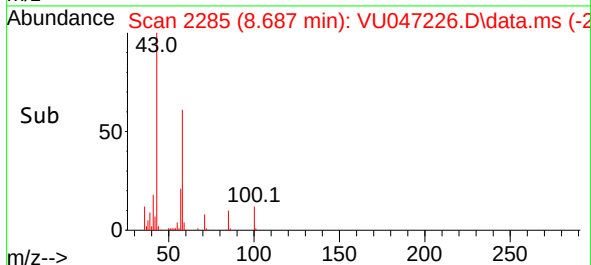
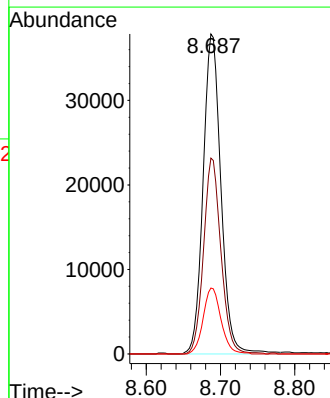
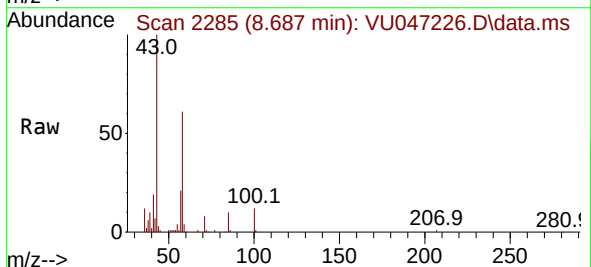
Tgt Ion: 43 Resp: 63176

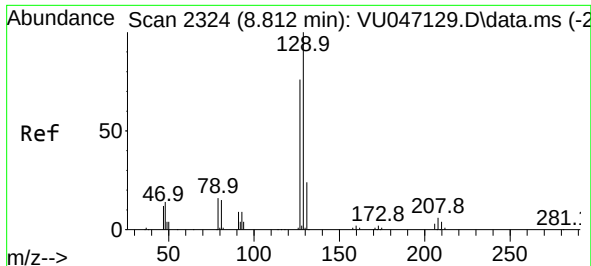
Ion Ratio Lower Upper

43 100

58 59.5 37.7 77.7

57 20.6 0.5 40.5





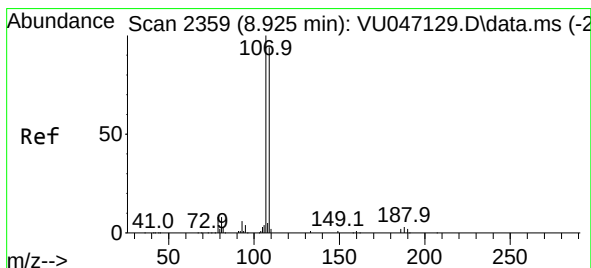
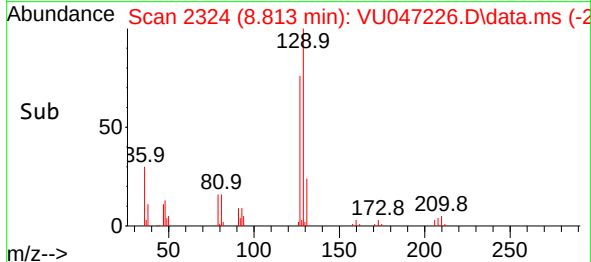
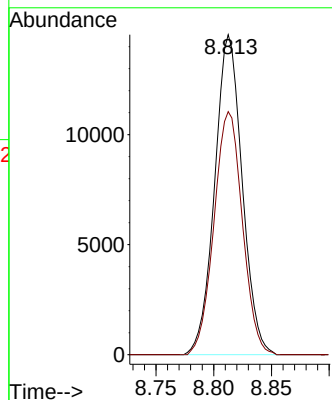
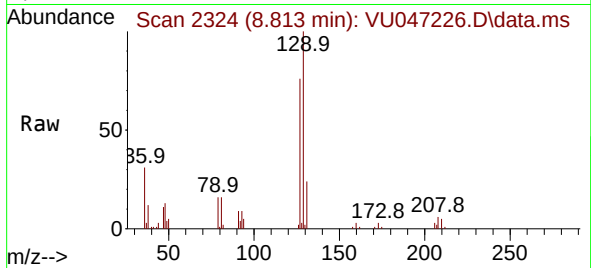
#55
 Dibromochloromethane
 Concen: 1.773 ug/l
 RT: 8.813 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0221WBS02

Tgt Ion:129 Resp: 2410
 Ion Ratio Lower Upper
 129 100
 127 78.3 62.2 93.4

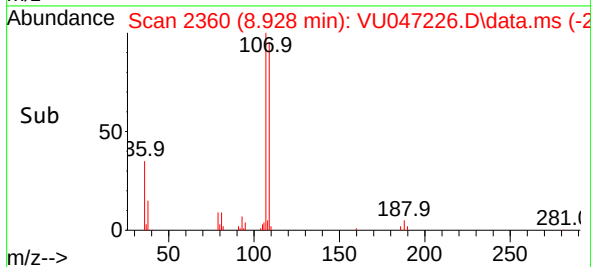
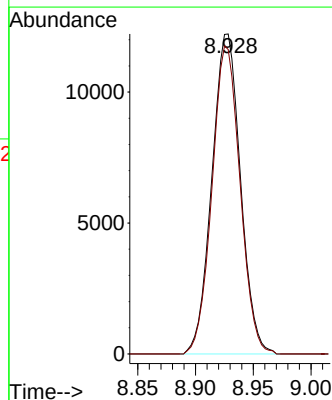
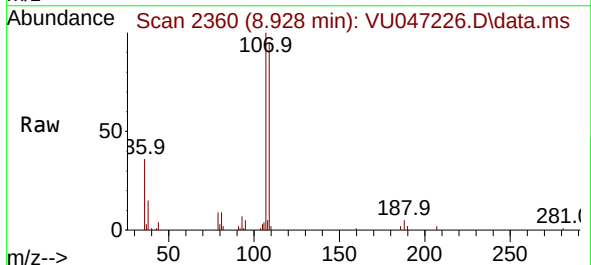
Manual Integrations
 APPROVED

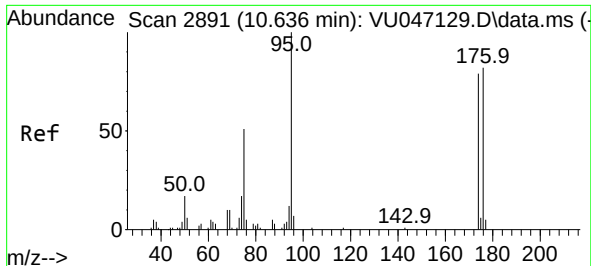
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#56
 1,2-Dibromoethane
 Concen: 1.860 ug/l
 RT: 8.928 min Scan# 2360
 Delta R.T. 0.003 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14

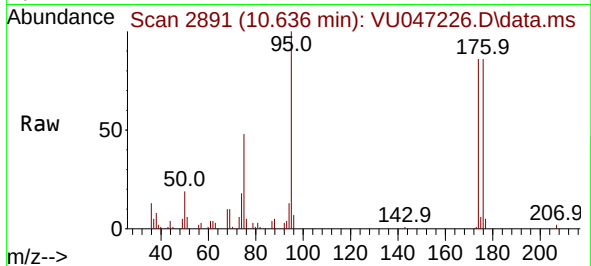
Tgt Ion:107 Resp: 21012
 Ion Ratio Lower Upper
 107 100
 109 94.4 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.917 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

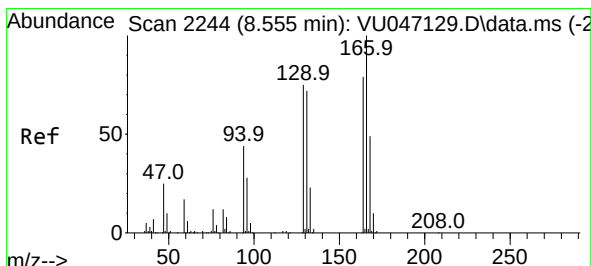
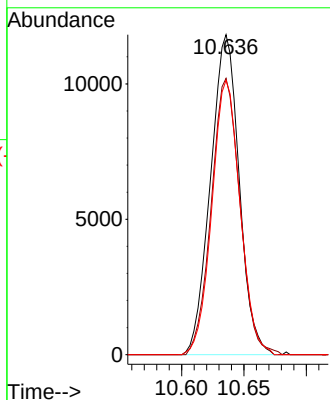
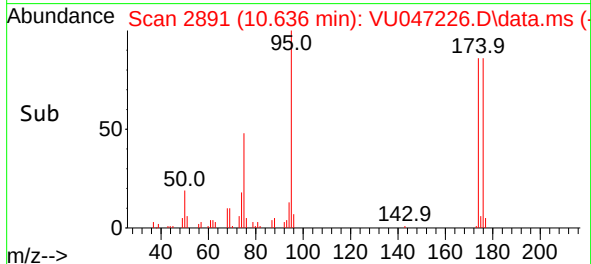
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion: 95 Resp: 18924
Ion Ratio Lower Upper
95 100
174 86.1 56.6 84.8
176 84.1 54.3 81.5

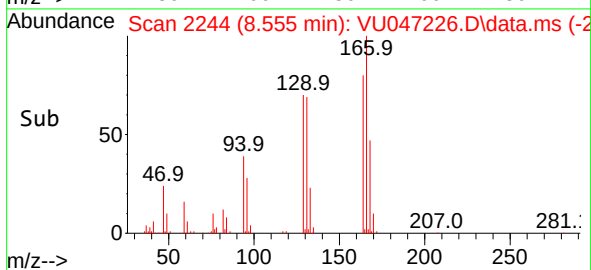
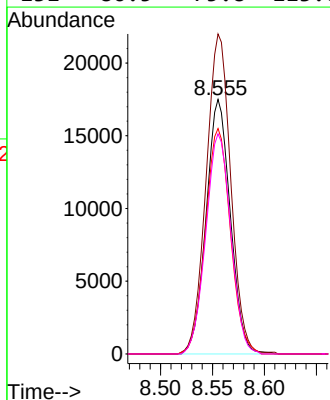
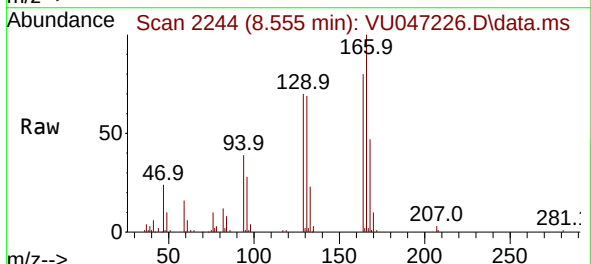
Manual Integrations
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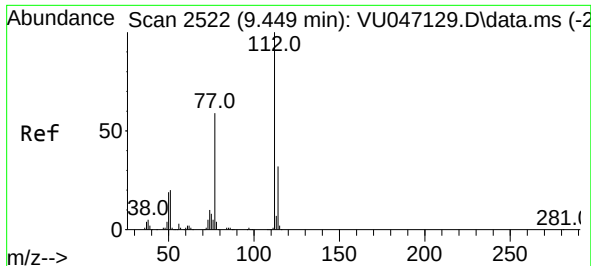
Reviewed By :John Carbone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#58
Tetrachloroethene
Concen: 2.023 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Tgt Ion:164 Resp: 28380
Ion Ratio Lower Upper
164 100
166 125.7 102.0 153.0
129 88.6 77.1 115.7
131 86.5 75.8 113.6





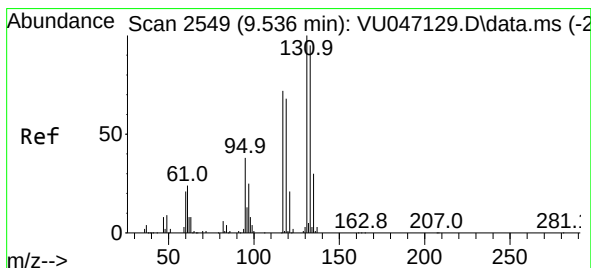
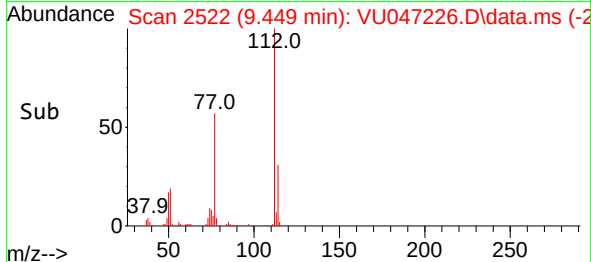
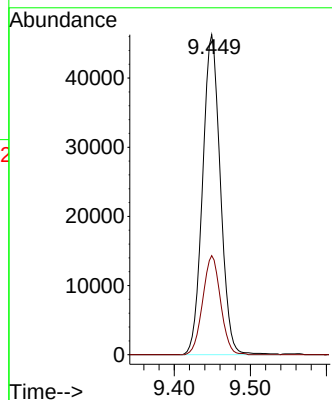
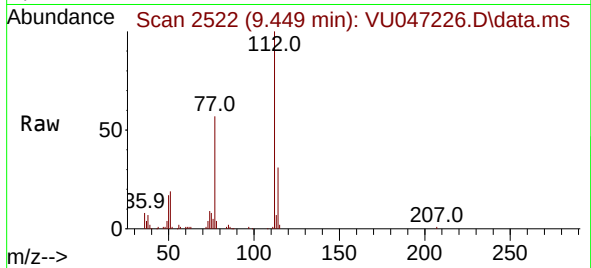
#59
Chlorobenzene
Concen: 1.898 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02

Tgt Ion:112 Resp: 74939
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0

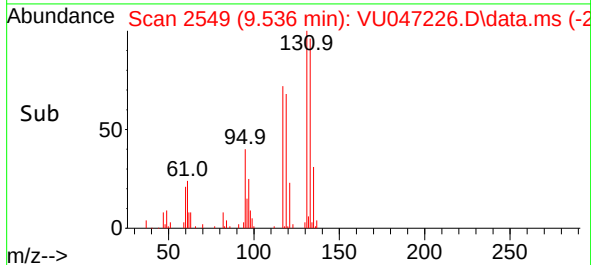
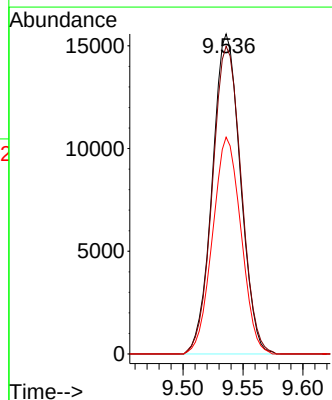
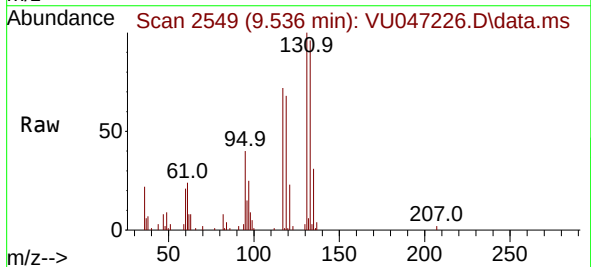
Manual Integrations
APPROVED

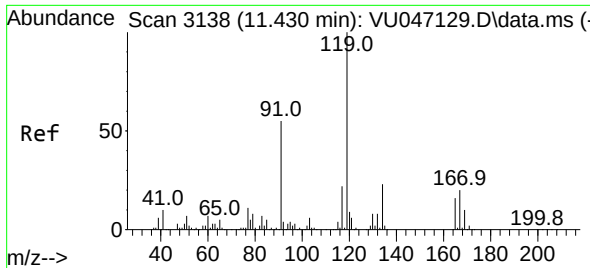
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 1.871 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Tgt Ion:131 Resp: 25392
Ion Ratio Lower Upper
131 100
133 98.4 76.0 114.0
119 68.5 54.9 82.3





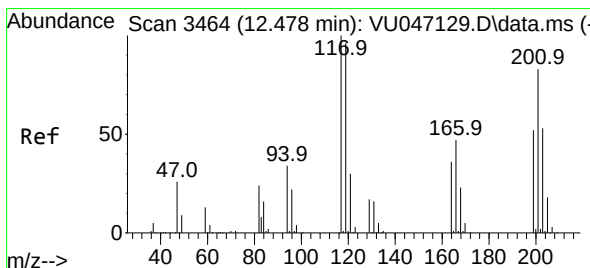
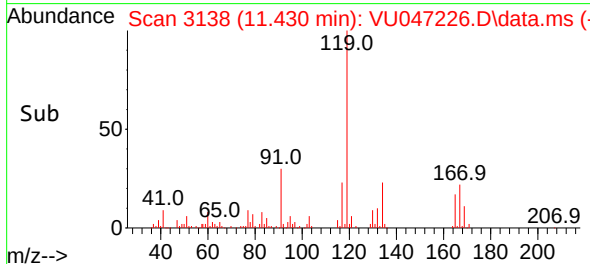
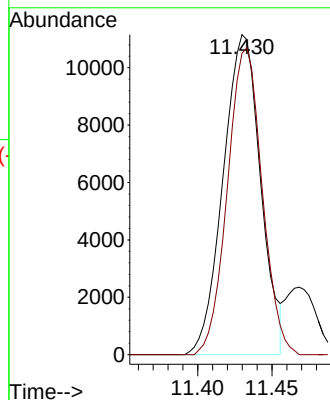
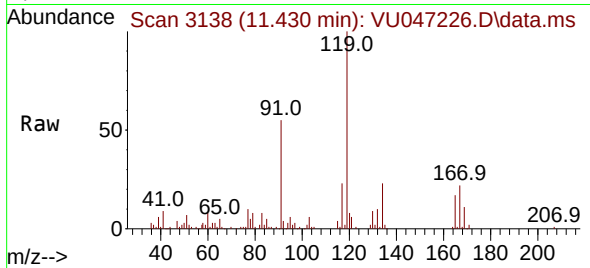
#61
Pentachloroethane
Concen: 1.900 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02

Tgt Ion:117 Resp: 19572
Ion Ratio Lower Upper
117 100
167 88.6 59.7 89.5

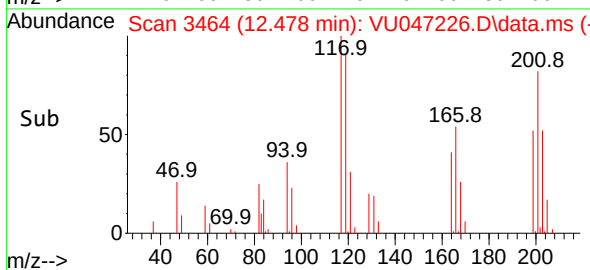
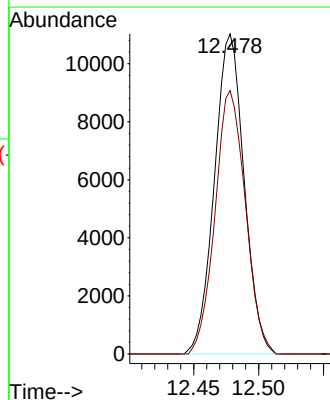
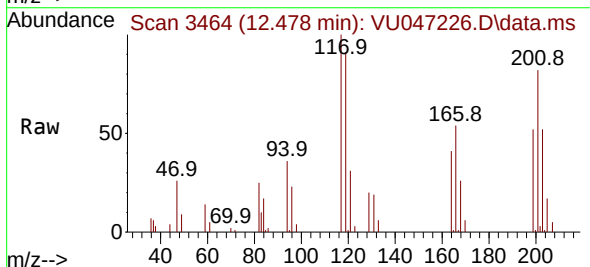
Manual Integrations
APPROVED

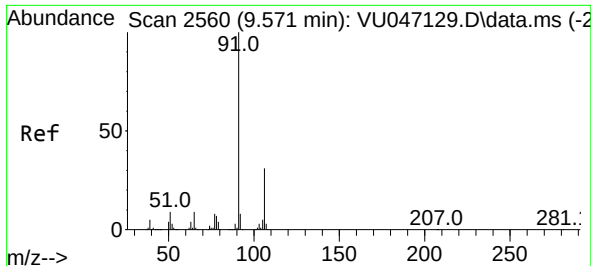
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#62
Hexachloroethane
Concen: 1.573 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

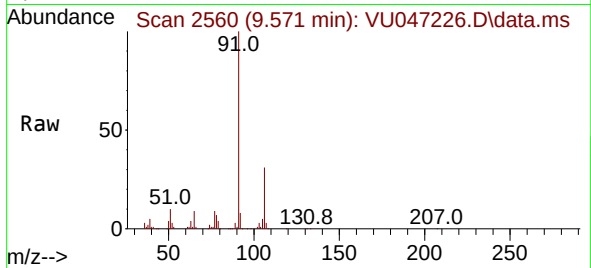
Tgt Ion:117 Resp: 17501
Ion Ratio Lower Upper
117 100
201 84.1 53.6 80.4#





#63
Ethyl Benzene
Concen: 1.873 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

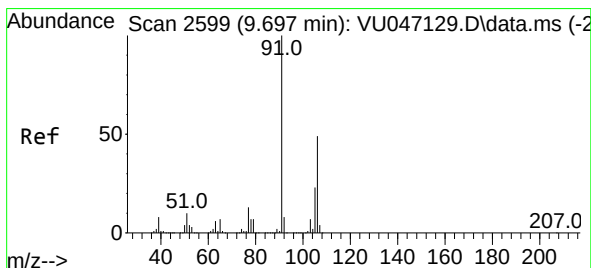
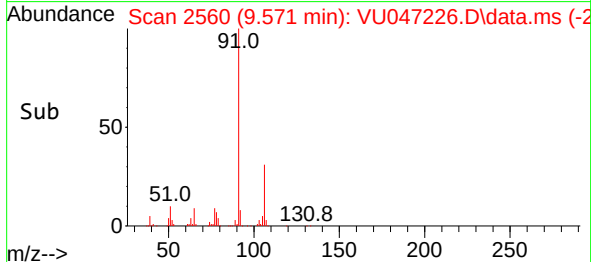
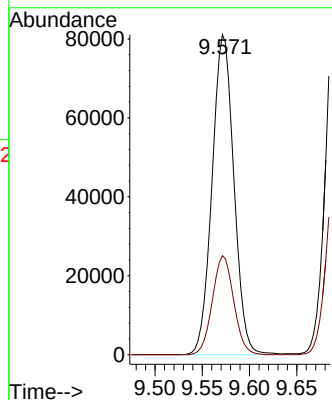
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion: 91 Resp: 12999
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

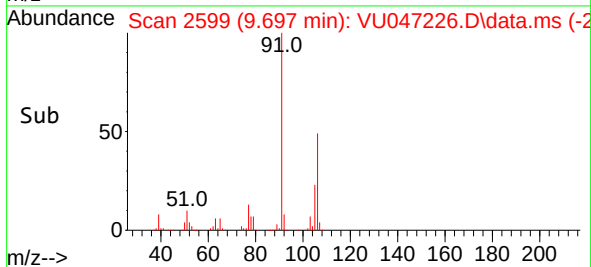
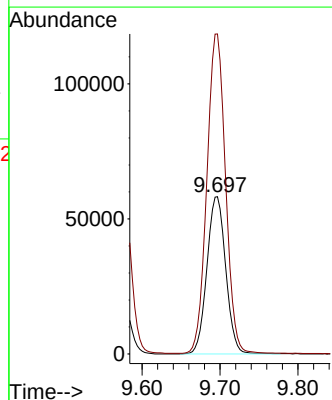
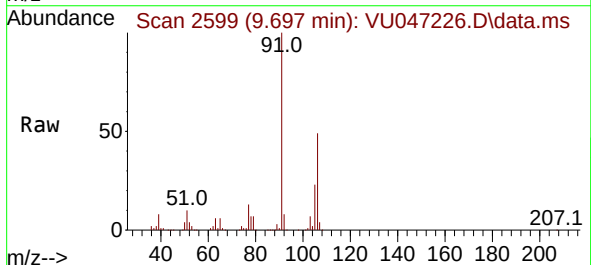
Manual Integrations
APPROVED

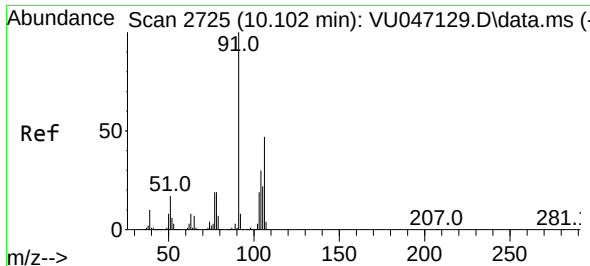
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#64
m/p-Xylenes
Concen: 3.693 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

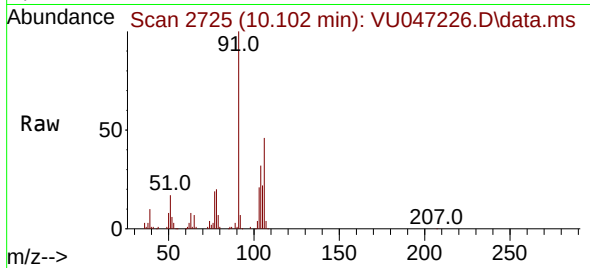
Tgt Ion:106 Resp: 97722
Ion Ratio Lower Upper
106 100
91 201.7 165.5 248.3





#65
o-Xylene
Concen: 1.842 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

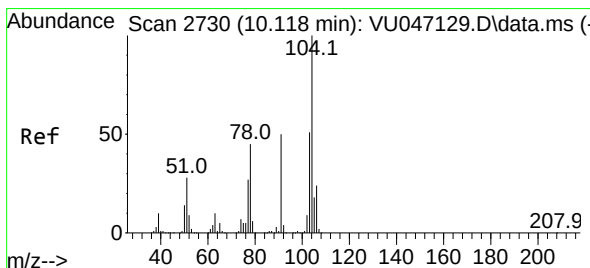
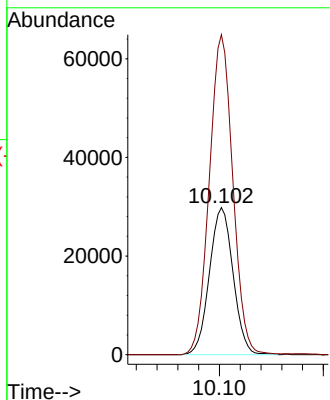
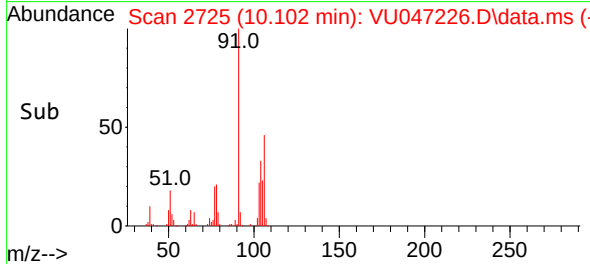
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion:106 Resp: 47220
Ion Ratio Lower Upper
106 100
91 215.8 109.4 328.2

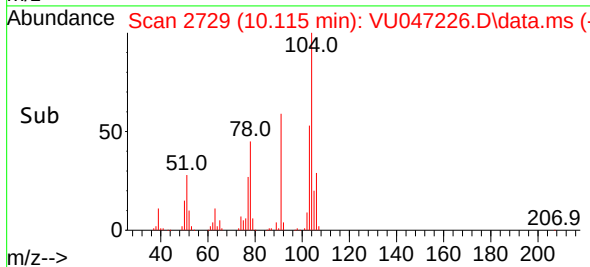
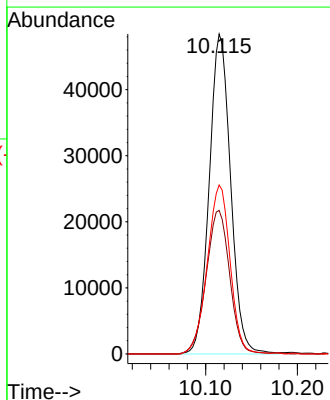
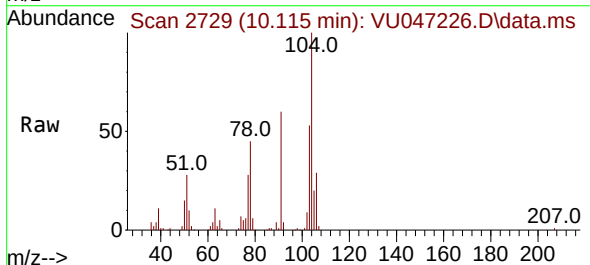
Manual Integrations
APPROVED

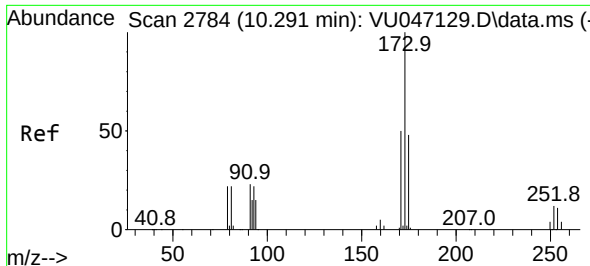
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#66
Styrene
Concen: 1.804 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

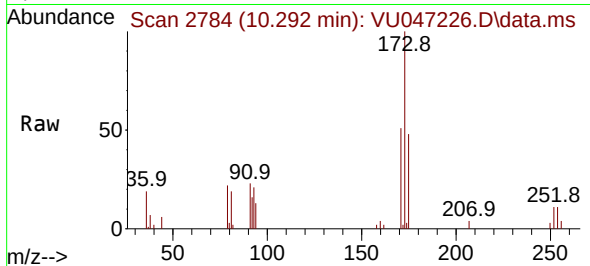
Tgt Ion:104 Resp: 78490
Ion Ratio Lower Upper
104 100
78 49.6 42.4 63.6
103 56.2 44.2 66.4





#67
Bromoform
Concen: 1.606 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

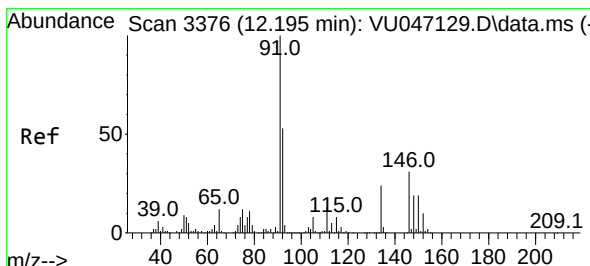
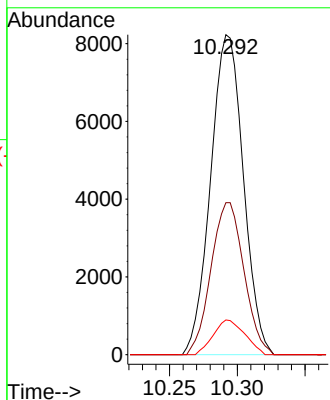
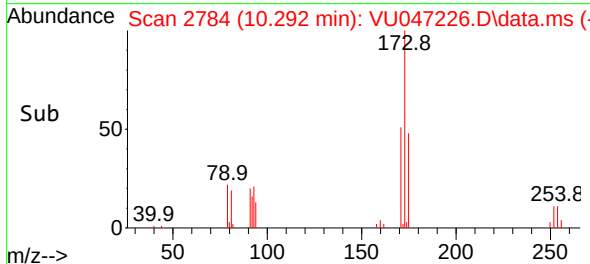
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



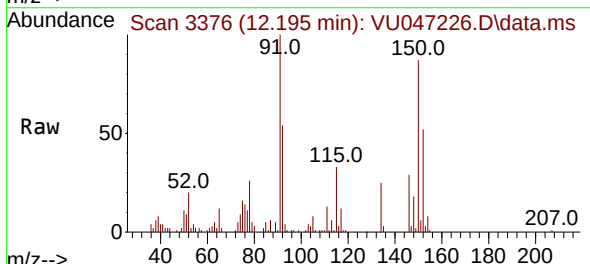
Tgt Ion:173 Resp: 13829
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.4
254 10.4 5.5 8.3

Manual Integrations
APPROVED

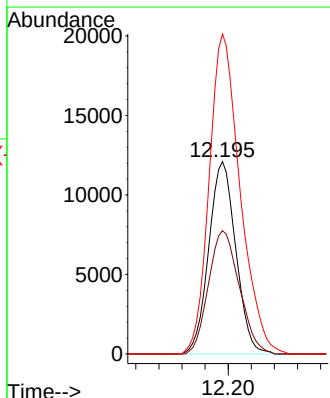
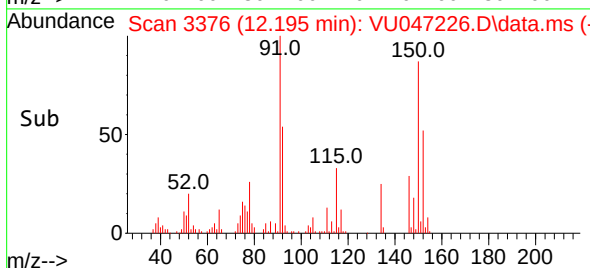
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

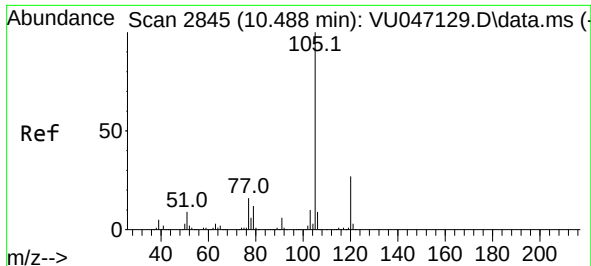


#68
1,2-Dichlorobenzene-d4
Concen: 0.914 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14



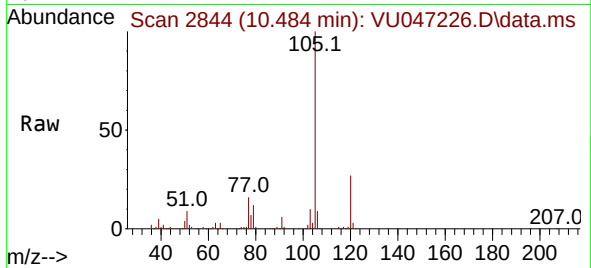
Tgt Ion:152 Resp: 19650
Ion Ratio Lower Upper
152 100
115 73.1 0.0 251.0
150 190.1 0.0 613.8





#69
Isopropylbenzene
Concen: 1.840 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

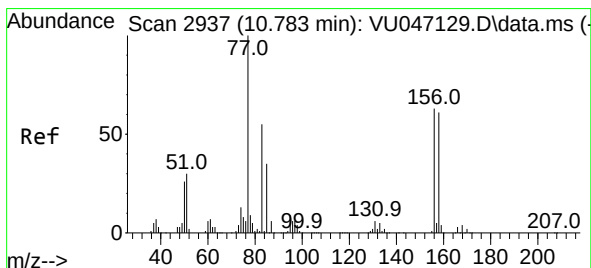
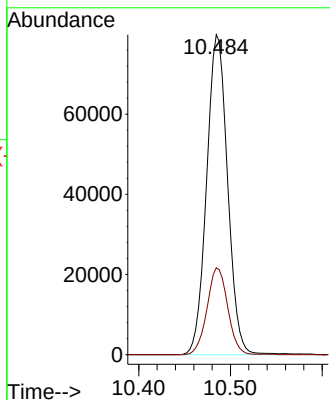
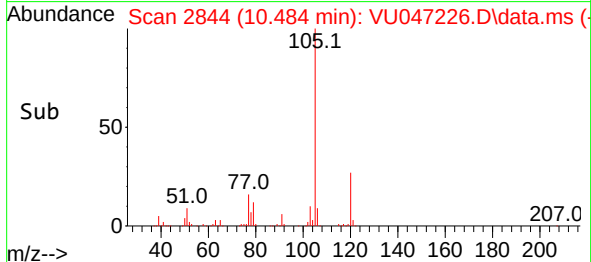
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion:105 Resp: 12684
Ion Ratio Lower Upper
105 100
120 26.8 12.8 38.4

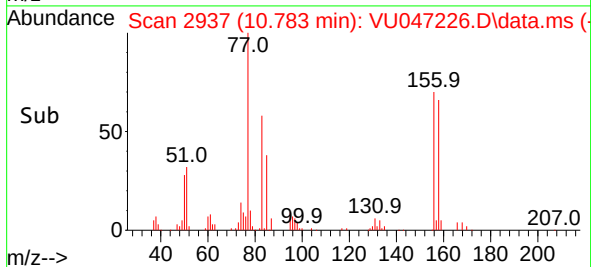
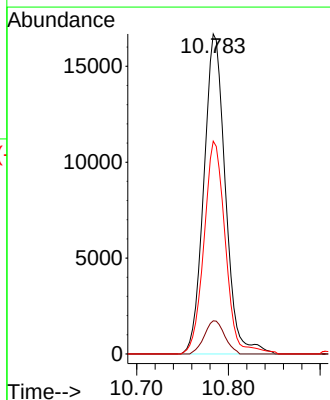
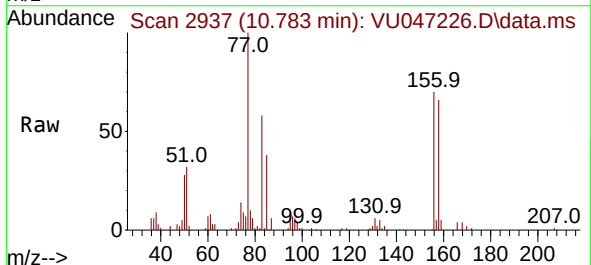
Manual Integrations
APPROVED

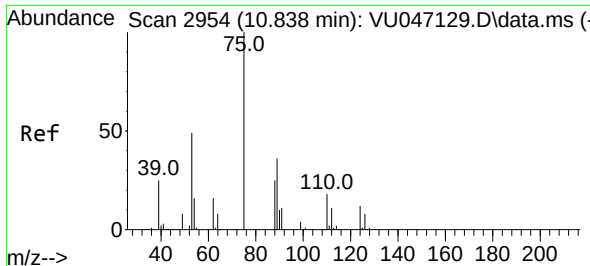
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 1.800 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

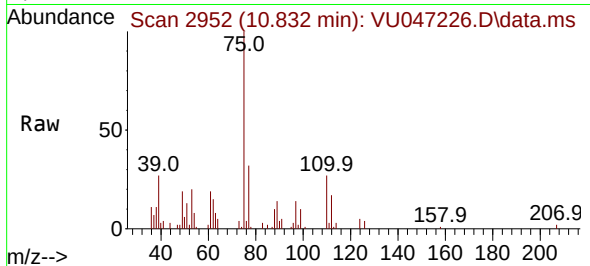
Tgt Ion: 83 Resp: 27205
Ion Ratio Lower Upper
83 100
131 9.8 7.6 11.4
85 66.1 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.741 ug/l m
RT: 10.832 min Scan# 2954
Delta R.T. -0.006 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

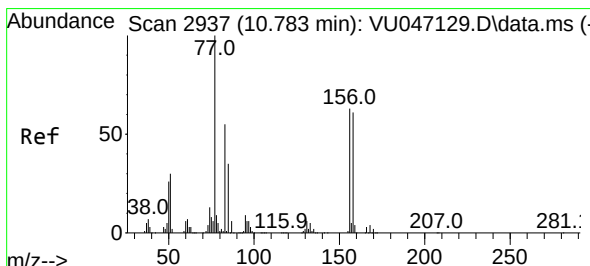
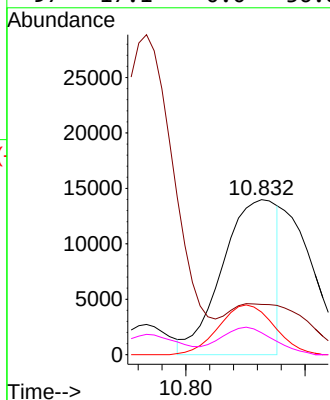
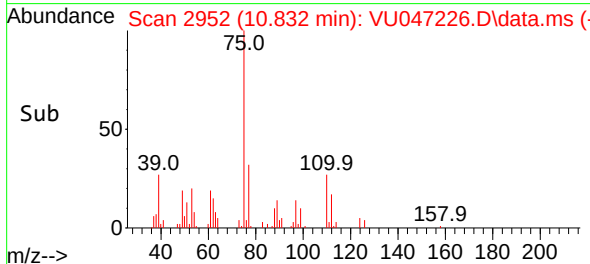
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



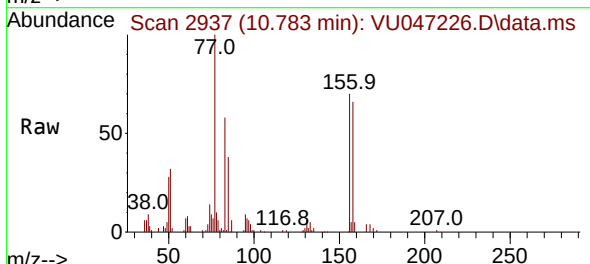
Tgt Ion: 75 Resp: 22204
Ion Ratio Lower Upper
75 100
77 48.9 0.0 105.6
110 32.8 0.0 71.2
97 17.1 0.0 36.8

Manual Integrations
APPROVED

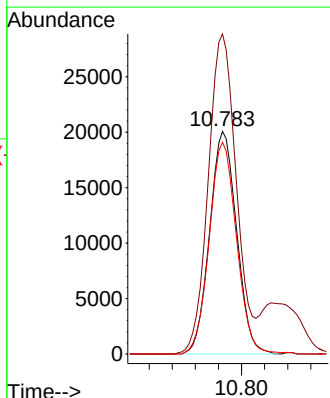
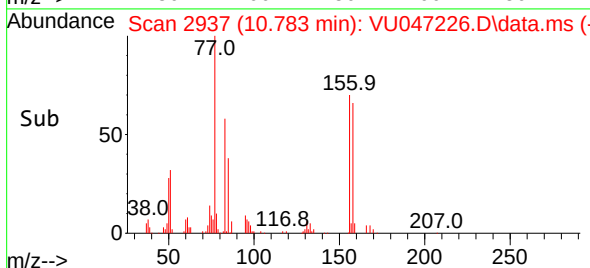
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

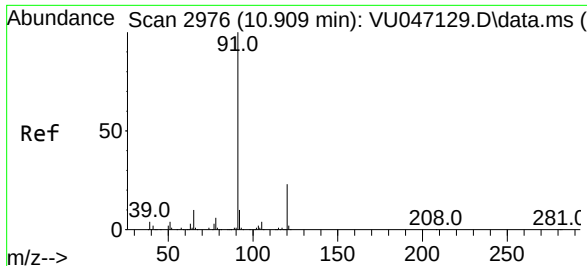


#72
Bromobenzene
Concen: 1.940 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14



Tgt Ion:156 Resp: 32661
Ion Ratio Lower Upper
156 100
77 149.0 0.0 370.6
158 96.0 0.0 193.4





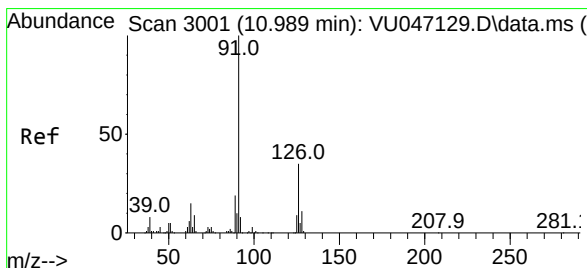
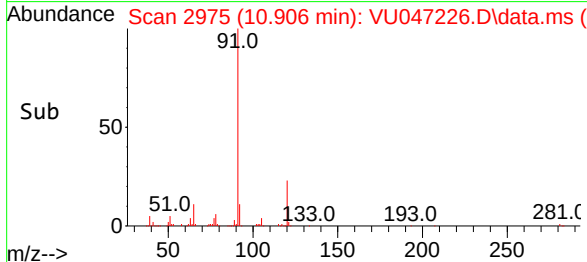
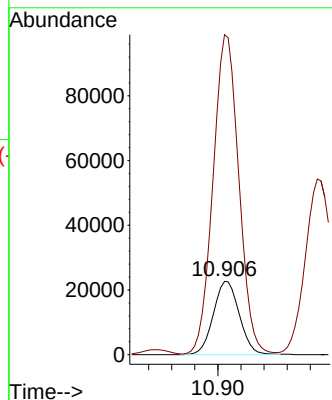
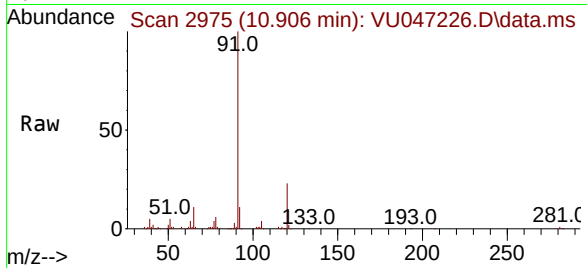
#73
n-propylbenzene
Concen: 1.860 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.003 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02

Tgt Ion:120 Resp: 3529
Ion Ratio Lower Upper
120 100
91 432.2 370.7 556.1

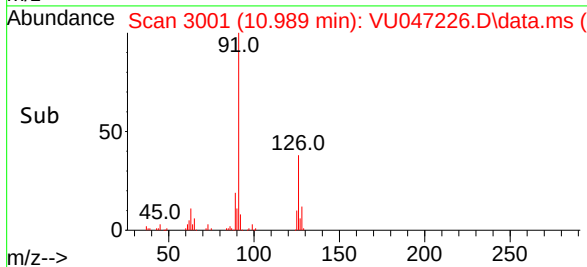
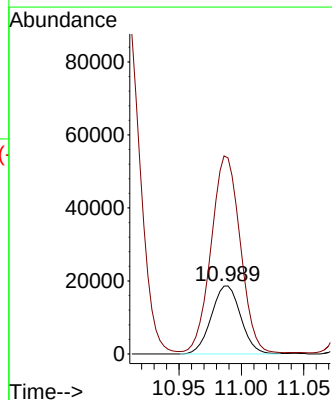
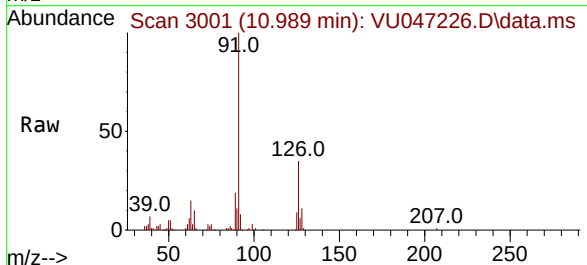
Manual Integrations
APPROVED

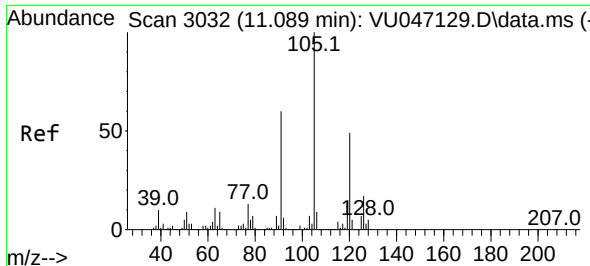
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#74
2-Chlorotoluene
Concen: 1.885 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Tgt Ion:126 Resp: 30504
Ion Ratio Lower Upper
126 100
91 286.5 0.0 639.6





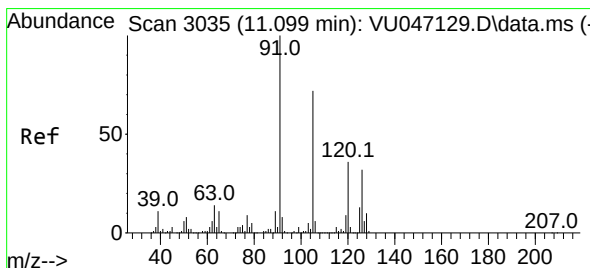
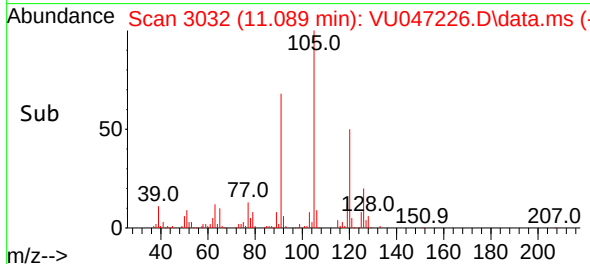
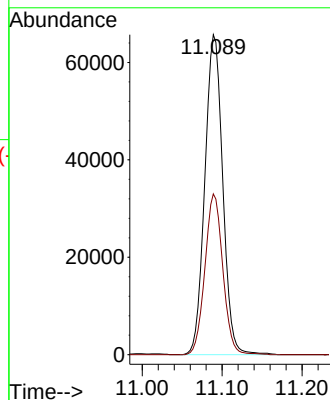
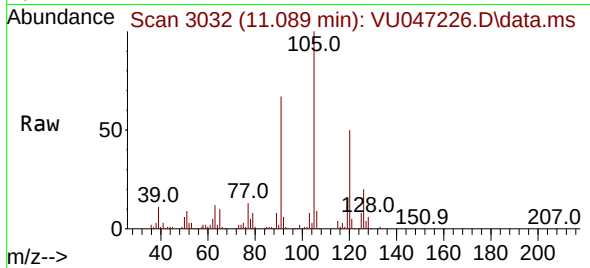
#75
1,3,5-Trimethylbenzene
Concen: 1.813 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02

Tgt Ion:105 Resp: 102514
Ion Ratio Lower Upper
105 100
120 50.2 38.6 58.0

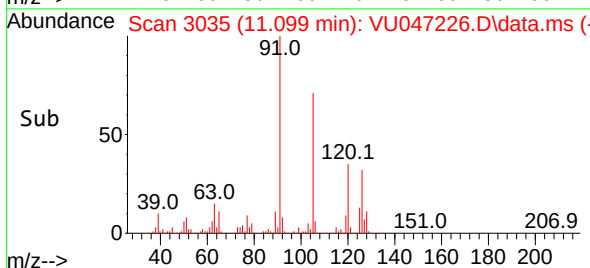
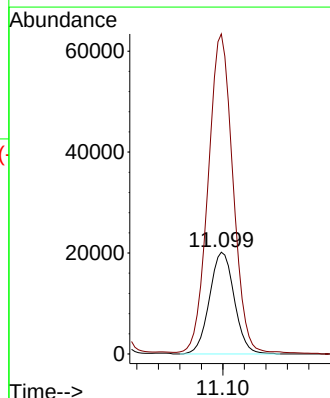
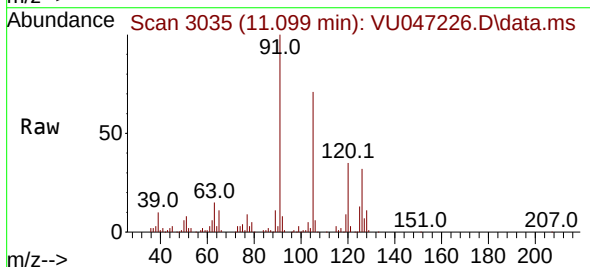
Manual Integrations
APPROVED

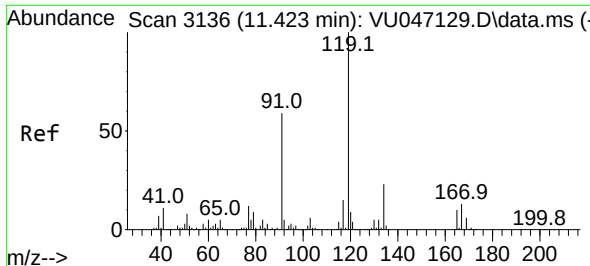
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#76
4-Chlorotoluene
Concen: 1.898 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

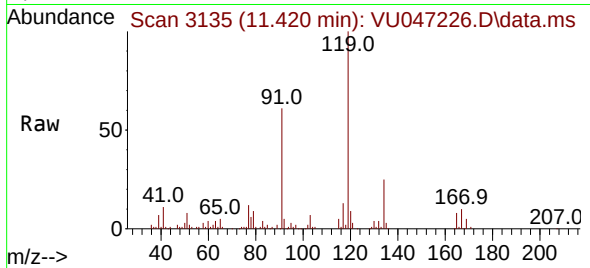
Tgt Ion:126 Resp: 32267
Ion Ratio Lower Upper
126 100
91 317.7 0.0 728.0





#77
 tert-Butylbenzene
 Concen: 1.845 ug/l
 RT: 11.420 min Scan# 3136
 Delta R.T. -0.003 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14

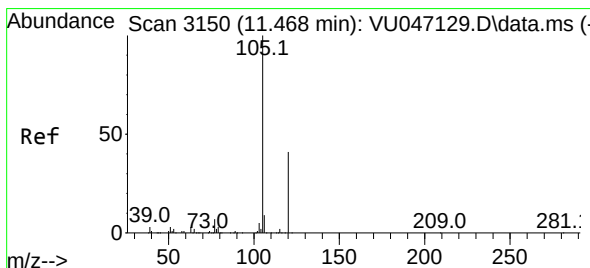
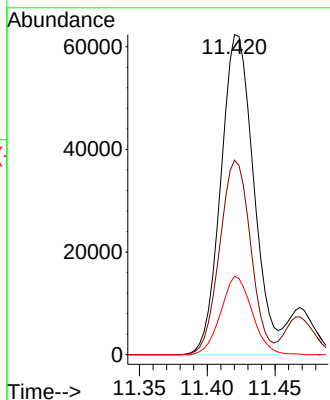
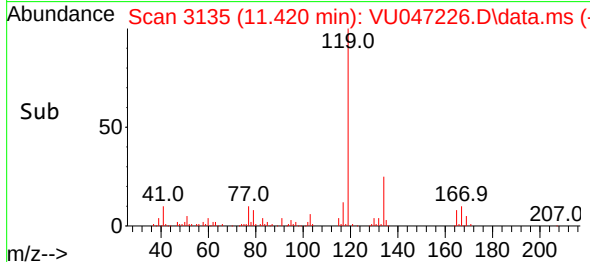
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0221WBS02



Tgt Ion:119 Resp: 104663
 Ion Ratio Lower Upper
 119 100
 91 57.9 31.4 94.3
 134 23.5 18.5 27.7

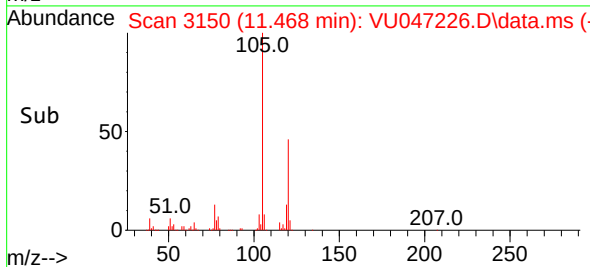
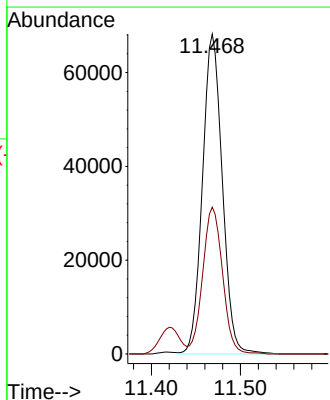
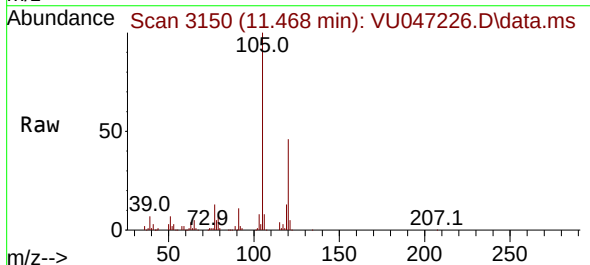
Manual Integrations
 APPROVED

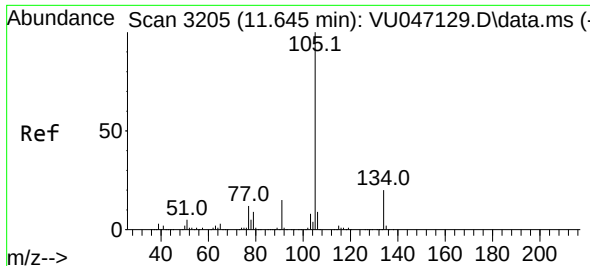
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#78
 1,2,4-Trimethylbenzene
 Concen: 1.827 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14

Tgt Ion:105 Resp: 105390
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8





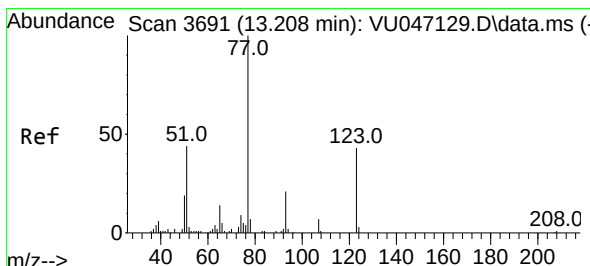
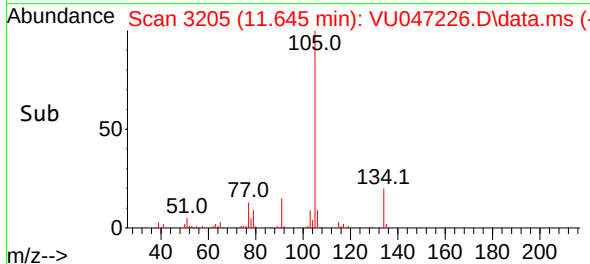
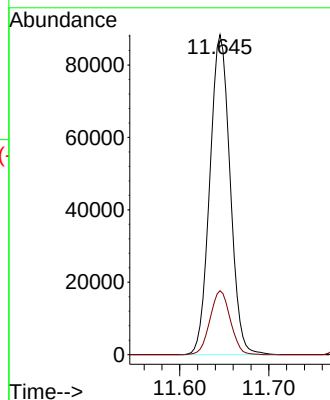
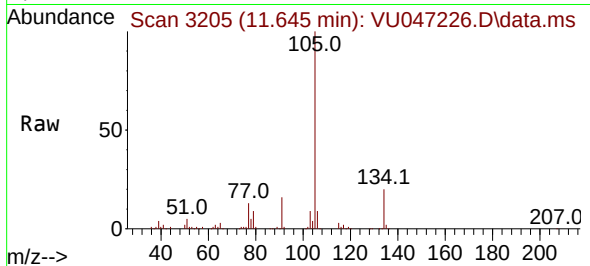
#79
 sec-Butylbenzene
 Concen: 1.852 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0221WBS02

Tgt Ion:105 Resp: 139512
 Ion Ratio Lower Upper
 105 100
 134 20.0 15.4 23.0

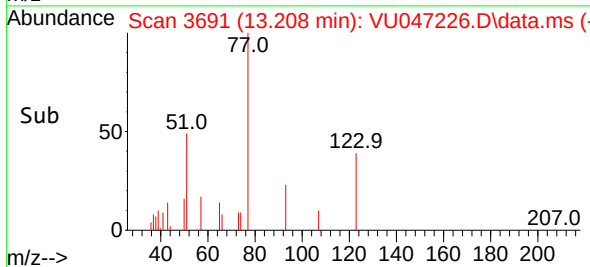
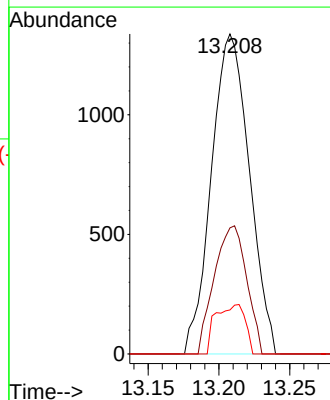
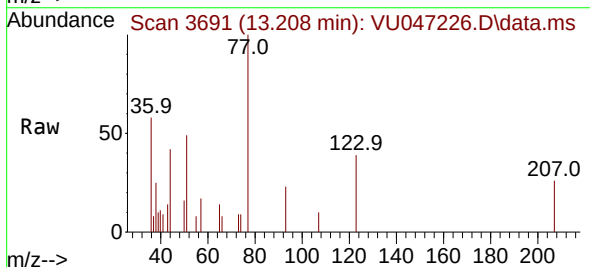
Manual Integrations
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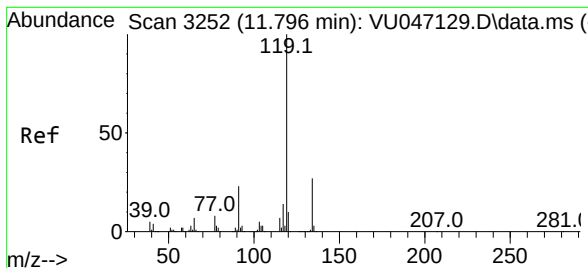
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#80
 Nitrobenzene
 Concen: 3.416 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14

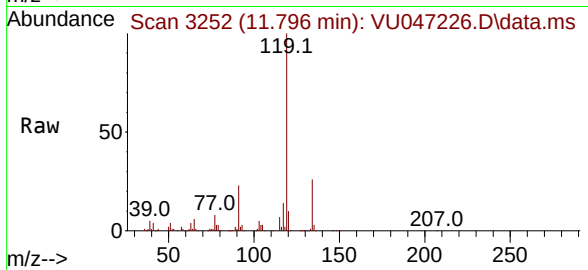
Tgt Ion: 77 Resp: 2493
 Ion Ratio Lower Upper
 77 100
 123 34.1 18.2 64.4
 65 12.0 12.0 15.2#





#81
p-Isopropyltoluene
Concen: 1.827 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

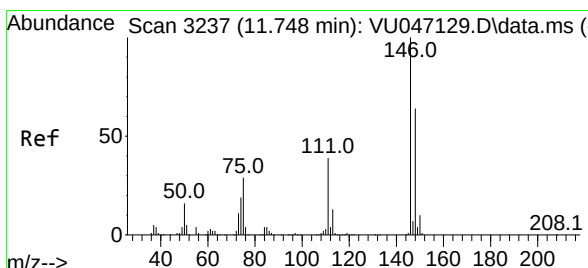
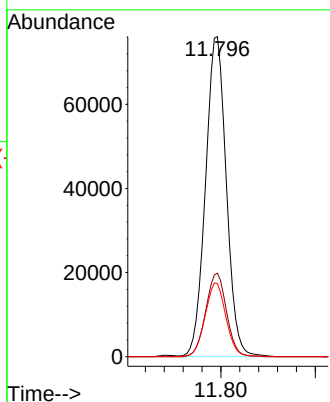
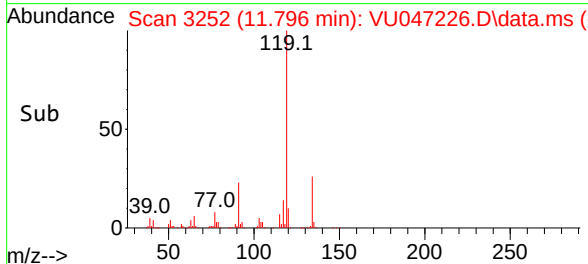
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



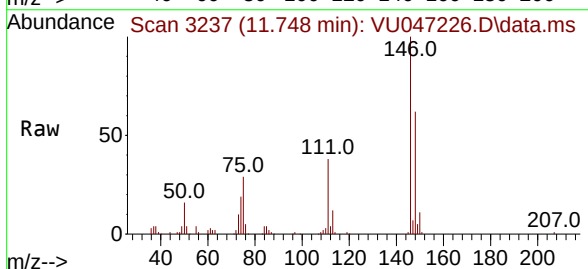
Tgt Ion:119 Resp: 116479
Ion Ratio Lower Upper
119 100
134 25.9 20.2 30.4
91 23.0 19.9 29.9

Manual Integrations
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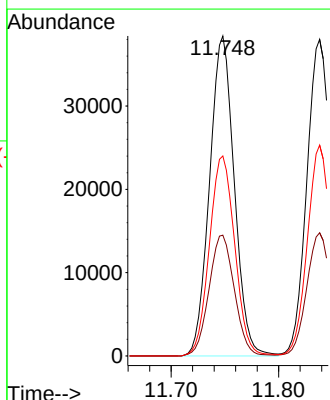
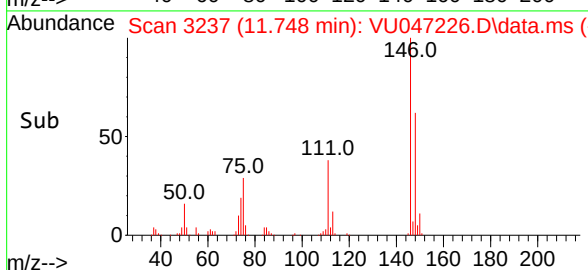
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

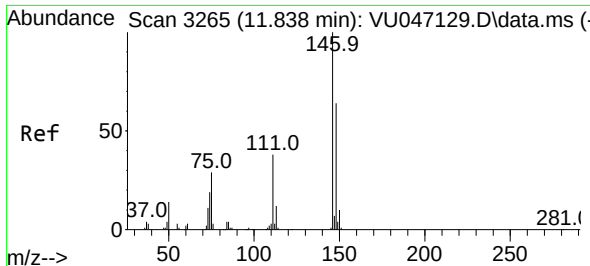


#82
1,3-Dichlorobenzene
Concen: 1.873 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14



Tgt Ion:146 Resp: 61378
Ion Ratio Lower Upper
146 100
111 38.8 33.9 50.9
148 64.2 50.9 76.3





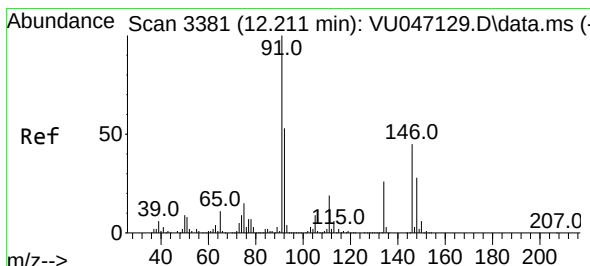
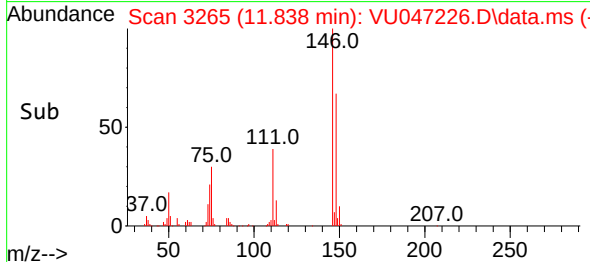
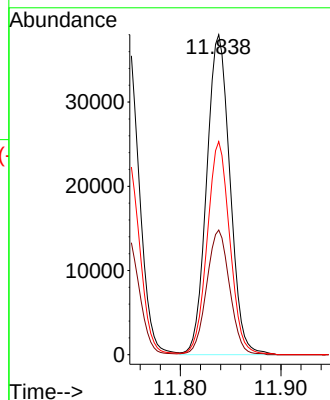
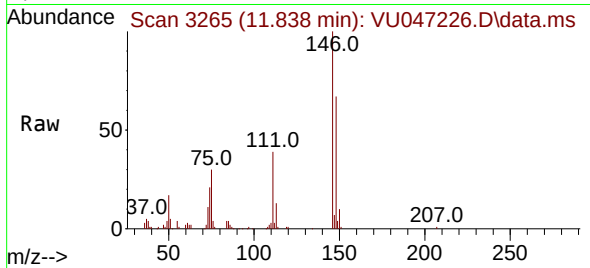
#83
1,4-Dichlorobenzene
Concen: 1.855 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02

Tgt Ion:146 Resp: 61227
Ion Ratio Lower Upper
146 100
111 38.5 32.7 49.1
148 64.8 51.4 77.0

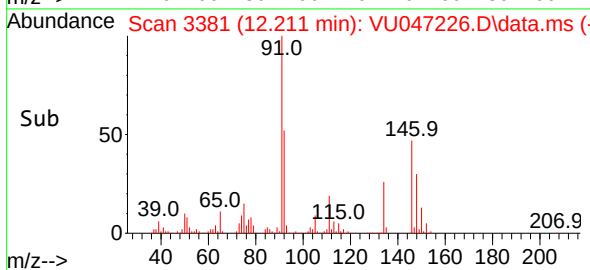
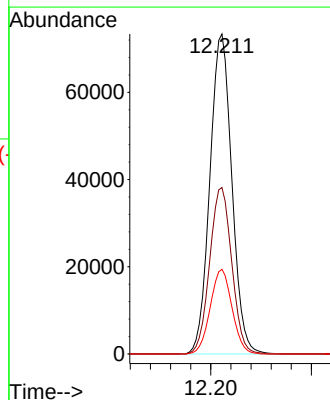
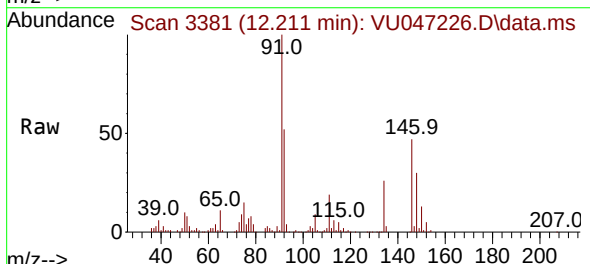
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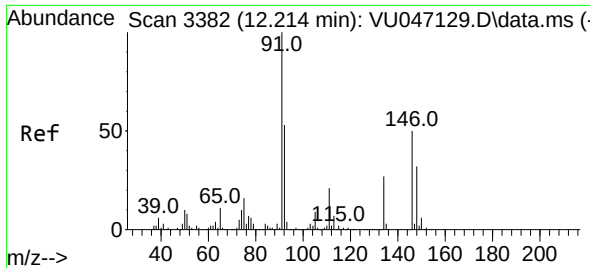
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#84
n-Butylbenzene
Concen: 1.818 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Tgt Ion: 91 Resp: 111270
Ion Ratio Lower Upper
91 100
92 52.3 43.5 65.3
134 26.3 19.0 28.4





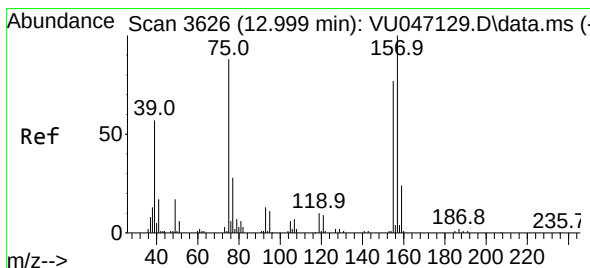
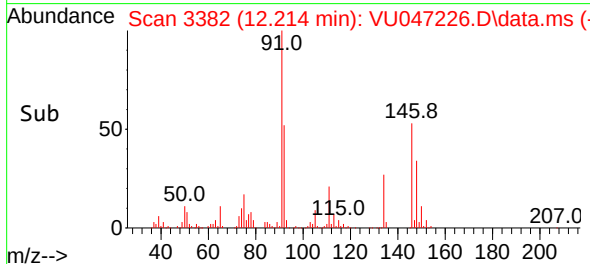
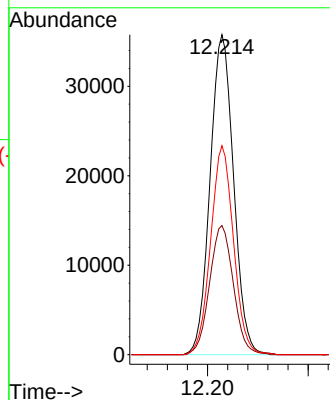
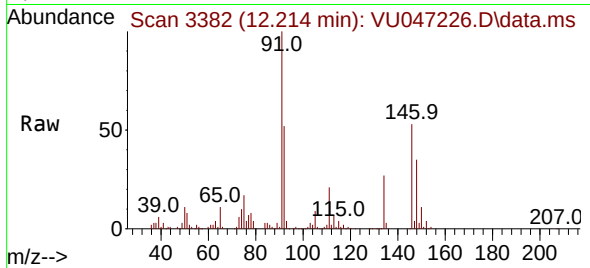
#85
1,2-Dichlorobenzene
Concen: 1.838 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02

Tgt Ion:146 Resp: 57990
Ion Ratio Lower Upper
146 100
111 40.9 22.1 66.1
148 63.8 31.6 94.7

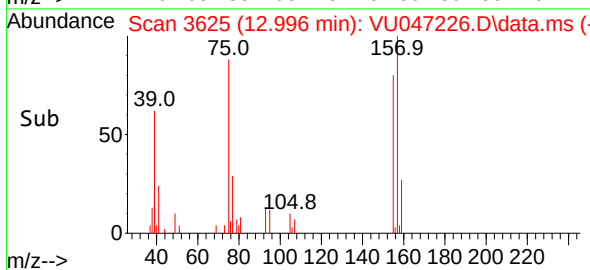
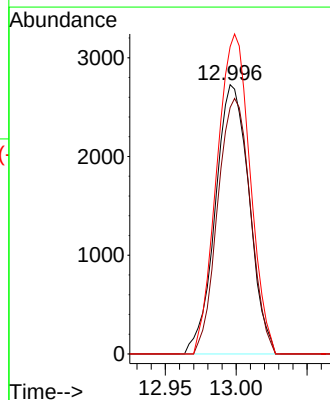
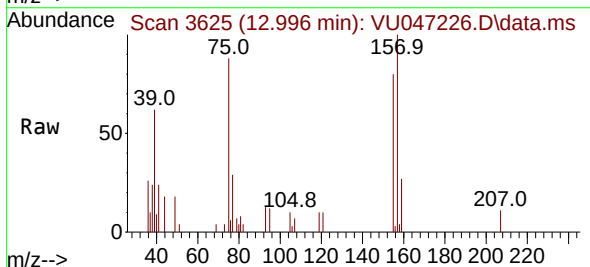
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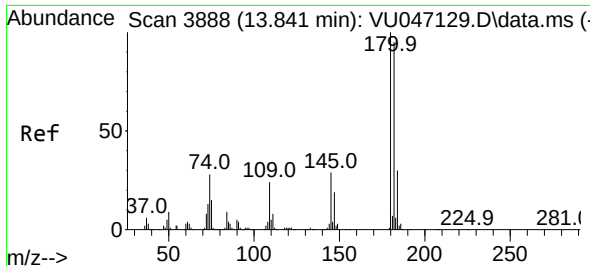
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.636 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

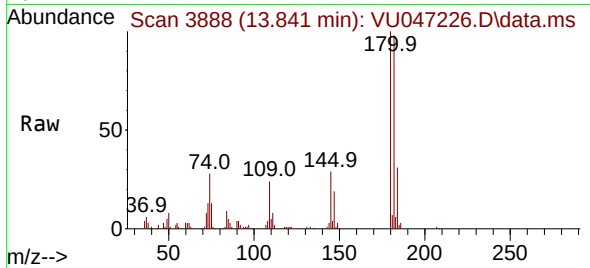
Tgt Ion: 75 Resp: 4533
Ion Ratio Lower Upper
75 100
155 91.6 57.8 86.8#
157 116.9 75.1 112.7#





#87
 1,2,4-Trichlorobenzene
 Concen: 1.886 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14

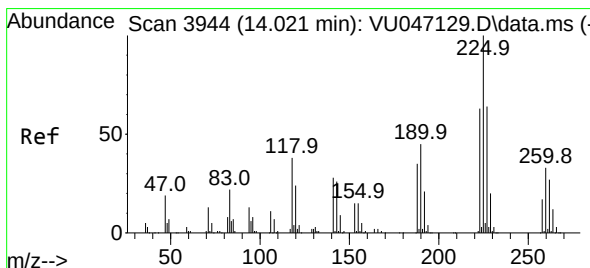
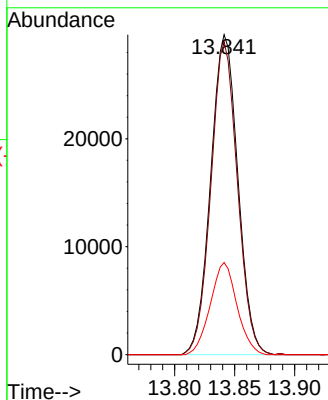
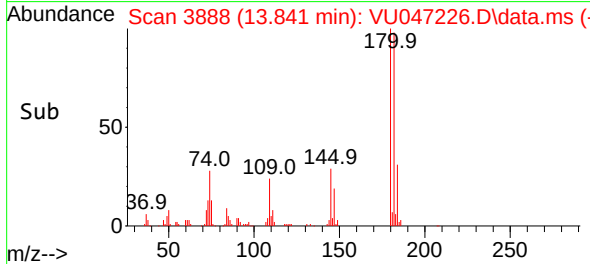
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0221WBS02



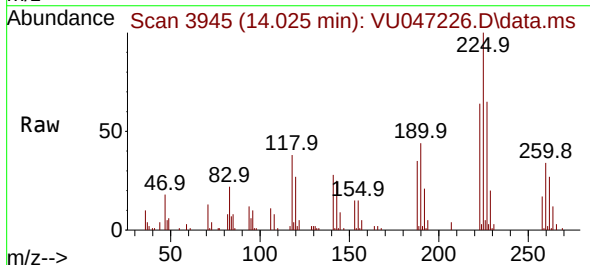
Tgt Ion:180 Resp: 46719
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.8 113.8
 145 28.2 25.3 37.9

Manual Integrations
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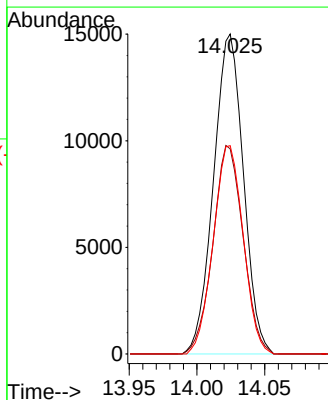
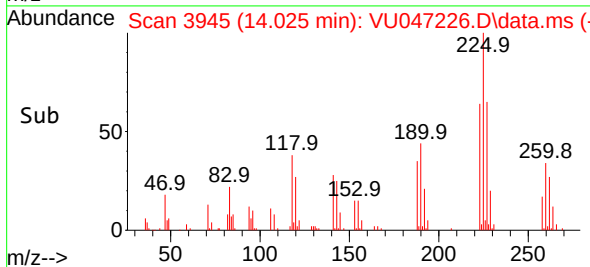
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022

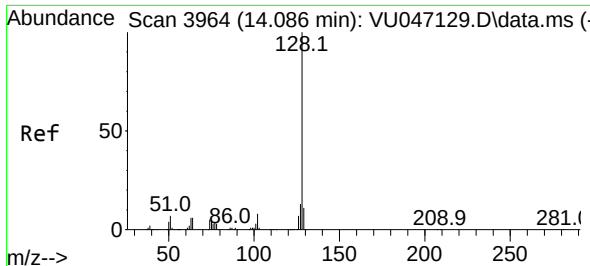


#88
 Hexachlorobutadiene
 Concen: 1.818 ug/l
 RT: 14.025 min Scan# 3945
 Delta R.T. 0.003 min
 Lab File: VU047226.D
 Acq: 21 Feb 2022 12:14



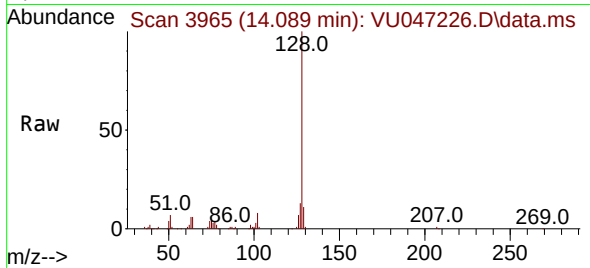
Tgt Ion:225 Resp: 23028
 Ion Ratio Lower Upper
 225 100
 223 65.8 51.1 76.7
 227 65.0 49.9 74.9





#89
Naphthalene
Concen: 1.742 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

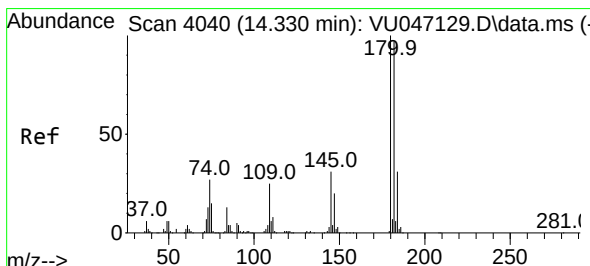
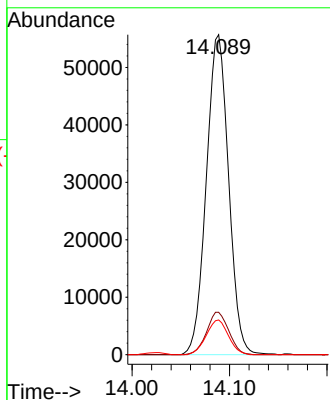
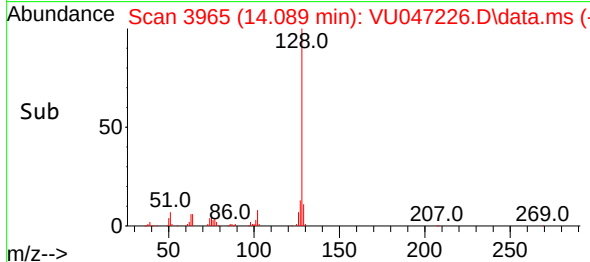
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS02



Tgt Ion:128 Resp: 88370
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#90
1,2,3-Trichlorobenzene
Concen: 1.947 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047226.D
Acq: 21 Feb 2022 12:14

Tgt Ion:180 Resp: 43257
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.0
145 29.9 27.0 40.4

