

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047128.D
 Acq On : 14 Feb 2022 11:40
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 12:02:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Feb 14 11:52:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	54877	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	21362	1.137	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	22015	1.023	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	97467	5.659	ug/l	99
3) Chloromethane	1.533	50	99989	5.080	ug/l	100
4) Vinyl Chloride	1.610	62	98364	5.218	ug/l	98
5) Bromomethane	1.864	94	61927	5.598	ug/l	99
6) Chloroethane	1.941	64	56759	4.935	ug/l	97
7) Trichlorofluoromethane	2.147	101	115365	4.870	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	66749	4.739	ug/l	94
9) 1,1-Dichloroethene	2.591	96	66804	5.366	ug/l	98
10) Iodomethane	2.732	142	66688	3.500	ug/l	99
11) Allyl Chloride	2.932	41	107274	4.965	ug/l	93
12) Acrylonitrile	3.324	53	35116	8.333	ug/l	93
13) Acetone	2.639	43	54626	15.857	ug/l	97
14) Carbon Disulfide	2.803	76	231969	5.864	ug/l	99
15) Methylene Chloride	3.054	84	74430	4.723	ug/l	97
16) trans-1,2-Dichloroethene	3.359	96	71647	5.116	ug/l	98
17) 1,1-Dichloroethane	3.877	63	132743	4.879	ug/l	99
18) 2-Butanone	4.716	43	100393	19.773	ug/l	99
19) Cyclohexane	5.395	56	122514m	5.473	ug/l	
20) Methylcyclohexane	6.768	83	136084	6.334	ug/l	95
21) 2,2-Dichloropropane	4.671	77	119445	5.741	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	81877	5.197	ug/l	96
23) Diethyl Ether	2.382	59	54836	4.942	ug/l	99
24) tert-Butyl Alcohol	3.215	59	36035	36.221	ug/l	97
25) Methyl tert-Butyl Ether	3.372	73	191815	5.241	ug/l	98
26) Bromochloromethane	4.980	128	37995	5.033	ug/l	92
27) Chloroform	5.096	83	131281	4.499	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	116411	5.121	ug/l	97
29) 1,1-Dichloropropene	5.533	75	106359	5.434	ug/l	98
30) Carbon Tetrachloride	5.530	117	103373	5.292	ug/l	100
31) Isopropyl Ether	4.002	45	214156	5.175	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	215082	5.784	ug/l	98
33) Tert-Amyl methyl ether	5.944	73	197557	5.958	ug/l	98
34) Propionitrile	4.790	54	29368	19.449	ug/l #	94
35) Benzene	5.780	78	298513	5.065	ug/l	99
36) 1,2-Dichloroethane	5.800	62	90604	5.045	ug/l	99
37) Trichloroethene	6.546	130	83403	5.614	ug/l	93
38) 1,2-Dichloropropane	6.796	63	79203	5.073	ug/l	100
39) Methacrylonitrile	4.983	41	27023	4.831	ug/l	99
40) Methyl acrylate	4.854	55	45224	5.300	ug/l	97
41) Tetrahydrofuran	5.067	42	25147	7.973	ug/l	96
42) 1-Chlorobutane	5.465	56	145080	5.180	ug/l	99
43) Dibromomethane	6.922	93	42582	4.981	ug/l	91
44) Bromodichloromethane	7.112	83	100785	4.974	ug/l	99

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 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

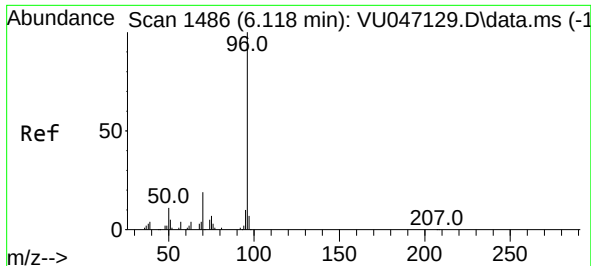
Manual Integrations
 APPROVED

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

Quant Time: Feb 14 12:02:03 2022
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Feb 14 11:52:19 2022
 Response via : Initial Calibration

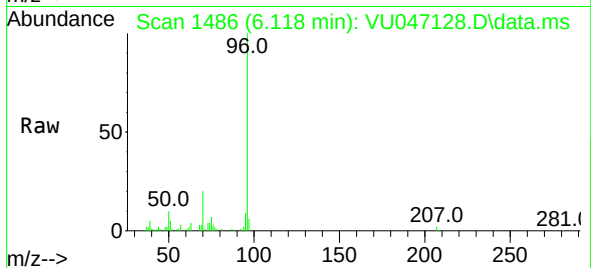
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	296458	28.170	ug/l	99
46) t-1,4-Dichloro-2-butene	10.838	75	49422m	11.798	ug/l	
47) Methyl methacrylate	6.967	69	87993	11.643	ug/l	95
48) Ethyl methacrylate	8.337	69	92623	6.761	ug/l	97
49) Toluene	7.973	92	194640	5.571	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	111459	6.280	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	124840	6.136	ug/l	98
52) 1,1,2-Trichloroethane	8.404	97	61863	5.073	ug/l	97
53) 1,3-Dichloropropane	8.578	76	110651	5.284	ug/l	100
54) 2-Hexanone	8.687	43	216224	28.490	ug/l	99
55) Dibromochloromethane	8.812	129	74934	5.409	ug/l	99
56) 1,2-Dibromoethane	8.928	107	61746	5.435	ug/l	98
58) Tetrachloroethene	8.555	164	78539	5.706	ug/l	98
59) Chlorobenzene	9.449	112	216304	5.771	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	74732	5.339	ug/l	99
61) Pentachloroethane	11.430	117	56889	4.918	ug/l	85
62) Hexachloroethane	12.478	117	61152	5.460	ug/l #	81
63) Ethyl Benzene	9.574	91	379335	6.116	ug/l	98
64) m/p-Xylenes	9.697	106	294632	12.135	ug/l	96
65) o-Xylene	10.102	106	141791	6.089	ug/l	97
66) Styrene	10.118	104	240226	6.110	ug/l	98
67) Bromoform	10.295	173	48010	5.670	ug/l #	98
69) Isopropylbenzene	10.488	105	380616	6.278	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	82758	5.111	ug/l	99
71) 1,2,3-Trichloropropane	10.838	75	72284m	5.678	ug/l	
72) Bromobenzene	10.787	156	93639	5.643	ug/l	87
73) n-propylbenzene	10.909	120	107047	6.348	ug/l	86
74) 2-Chlorotoluene	10.989	126	89562	5.832	ug/l	89
75) 1,3,5-Trimethylbenzene	11.089	105	310414	5.888	ug/l	98
76) 4-Chlorotoluene	11.102	126	94308	5.908	ug/l	84
77) tert-Butylbenzene	11.423	119	313421	6.035	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	316769	5.900	ug/l	98
79) sec-Butylbenzene	11.645	105	420879	6.030	ug/l	98
80) Nitrobenzene	13.208	77	18958	27.433	ug/l	96
81) p-Isopropyltoluene	11.796	119	354465	6.137	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	178732	5.396	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	180528	5.546	ug/l	98
84) n-Butylbenzene	12.211	91	338925	6.132	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	170630	5.348	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	14949	5.685	ug/l	83
87) 1,2,4-Trichlorobenzene	13.841	180	135897	6.533	ug/l	98
88) Hexachlorobutadiene	14.021	225	70679	5.433	ug/l	99
89) Naphthalene	14.086	128	274690	7.354	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	122583	5.981	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

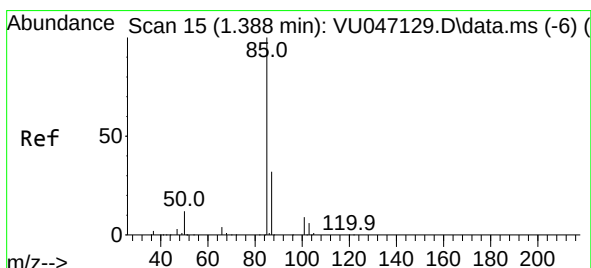
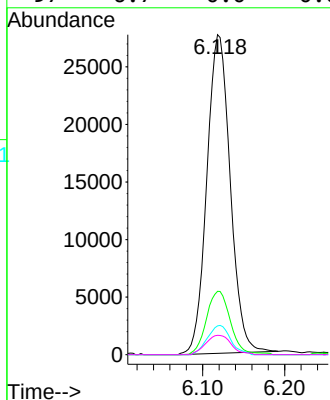
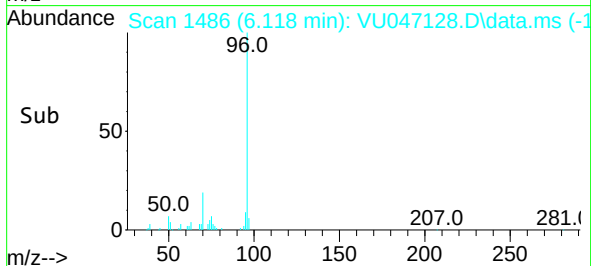
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 5487
Ion Ratio Lower Upper
96 100
70 20.4 16.8 25.2
95 9.1 7.3 10.9
97 6.7 0.0 0.0#

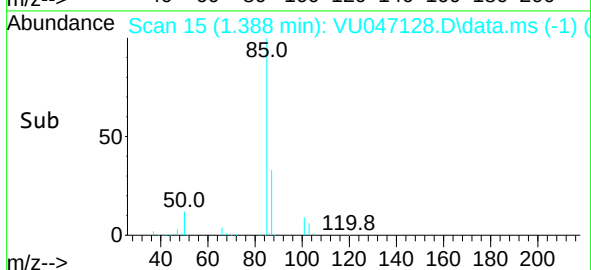
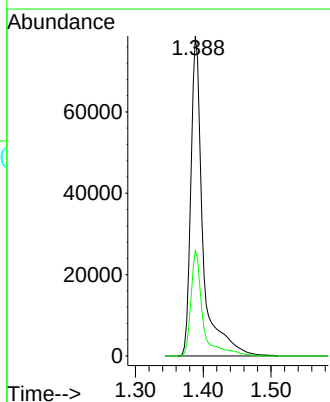
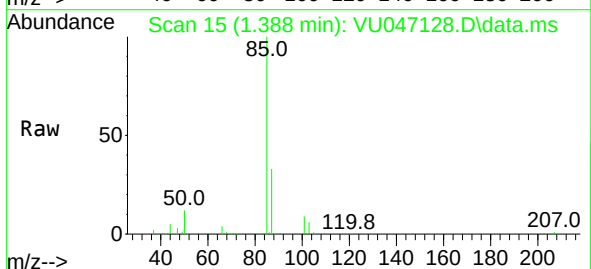
Manual Integrations
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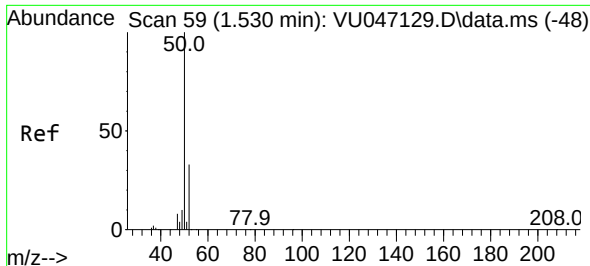
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#2
Dichlorodifluoromethane
Concen: 5.659 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

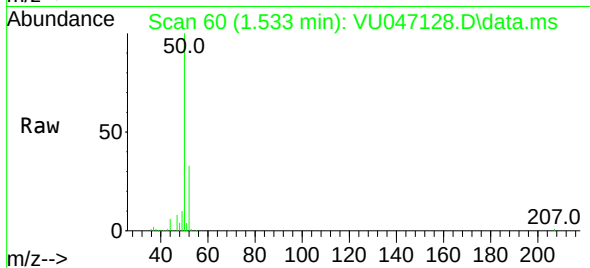
Tgt Ion: 85 Resp: 97467
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6





#3
Chloromethane
Concen: 5.080 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

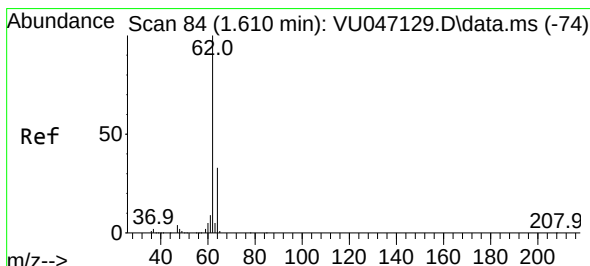
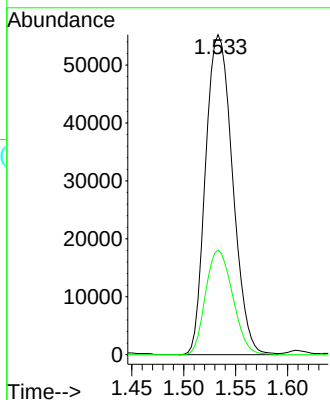
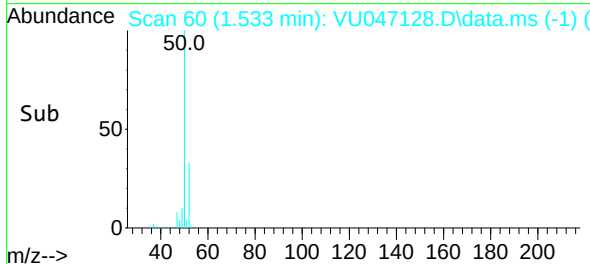
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 99989
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4

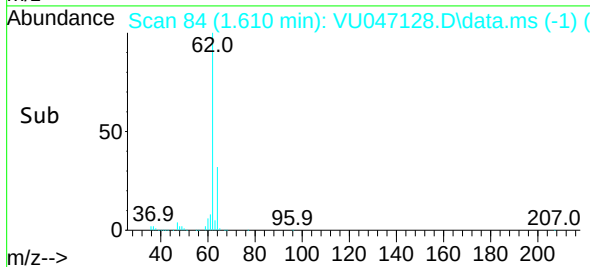
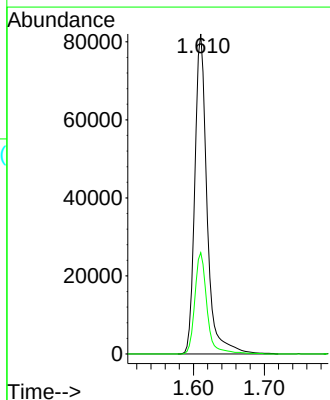
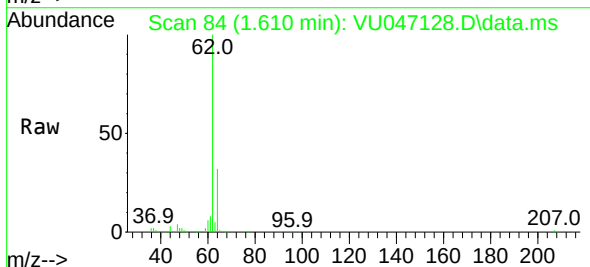
Manual Integrations
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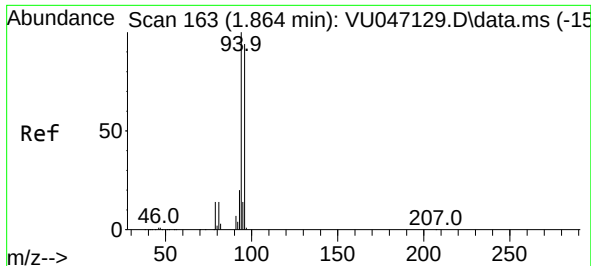
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#4
Vinyl Chloride
Concen: 5.218 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

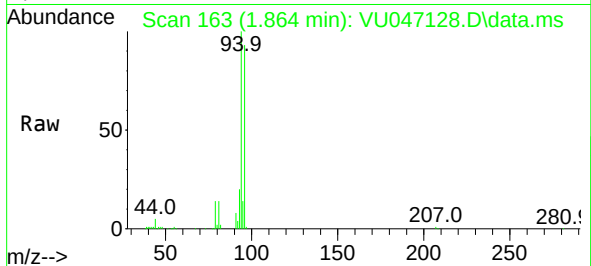
Tgt Ion: 62 Resp: 98364
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5
Bromomethane
Concen: 5.598 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

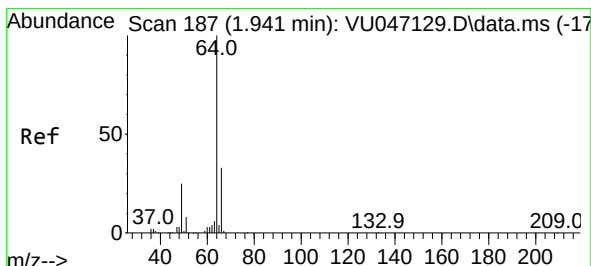
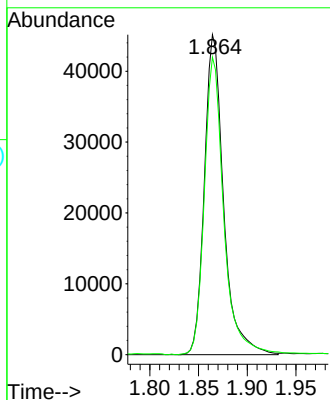
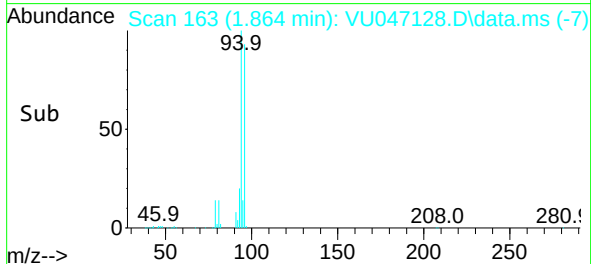
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 6192
Ion Ratio Lower Upper
94 100
96 93.0 75.0 112.4

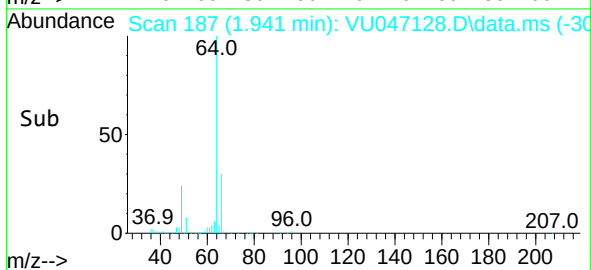
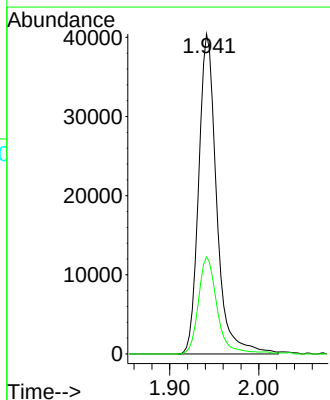
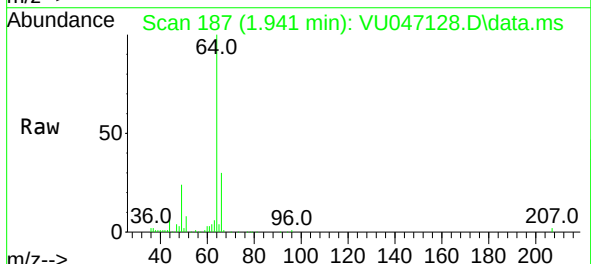
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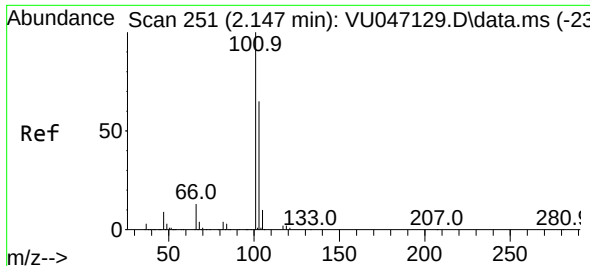
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#6
Chloroethane
Concen: 4.935 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.006 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

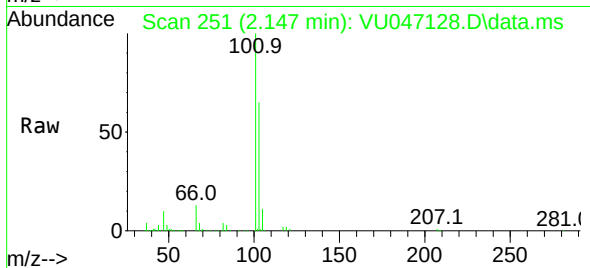
Tgt Ion: 64 Resp: 56759
Ion Ratio Lower Upper
64 100
66 30.4 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 4.870 ug/l
 RT: 2.147 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU047128.D
 Acq: 14 Feb 2022 11:40

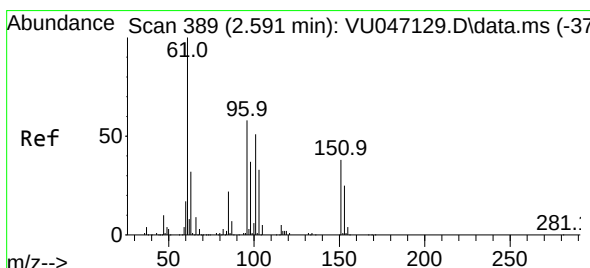
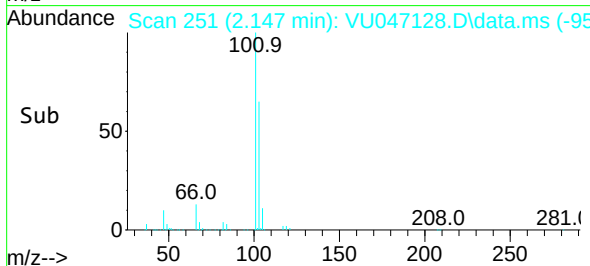
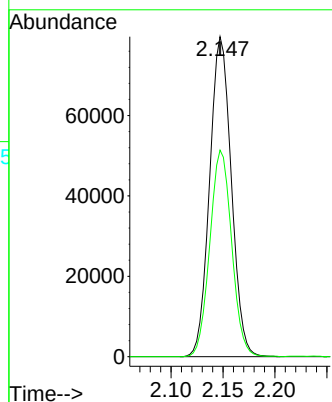
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 11536
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.2

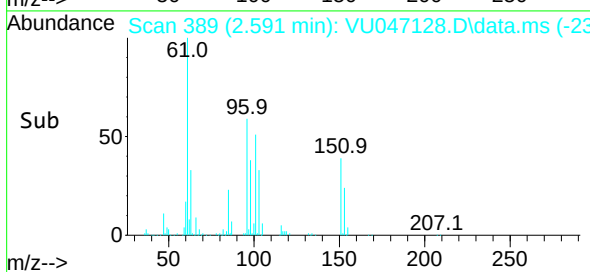
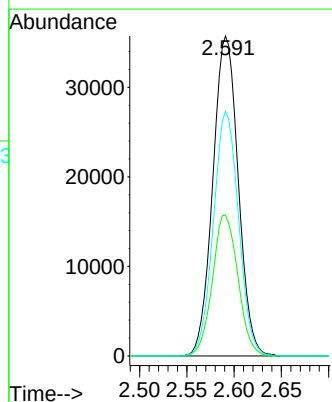
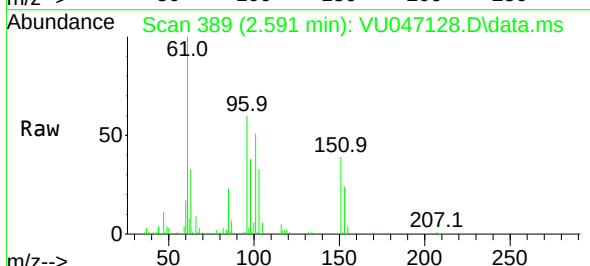
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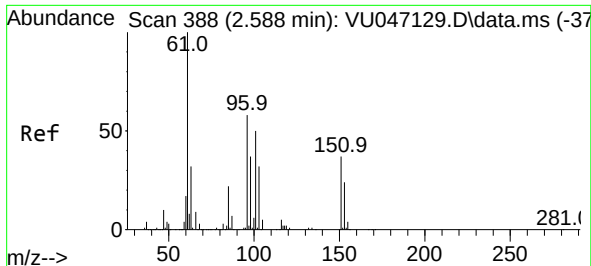
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.739 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.003 min
 Lab File: VU047128.D
 Acq: 14 Feb 2022 11:40

Tgt Ion:101 Resp: 66749
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.8 53.6
 151 76.0 54.6 81.8





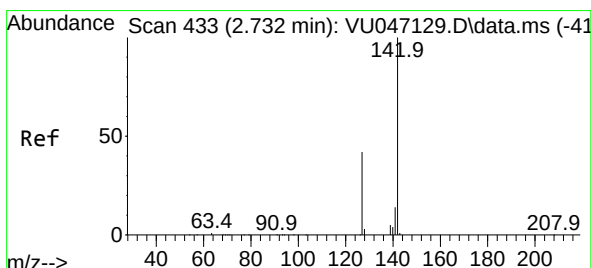
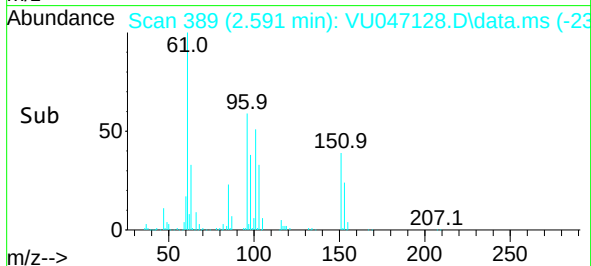
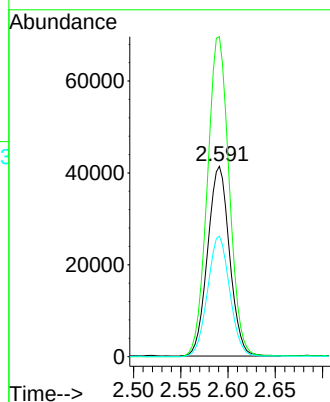
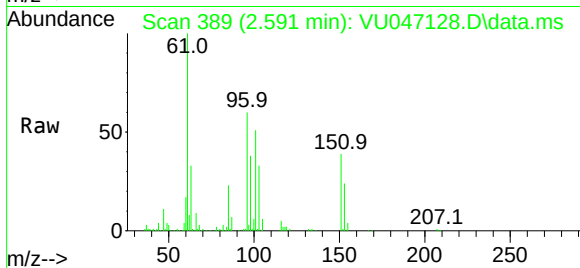
#9
1,1-Dichloroethene
Concen: 5.366 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.007 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 66804
Ion Ratio Lower Upper
96 100
61 168.6 0.0 514.2
98 63.6 0.0 126.4

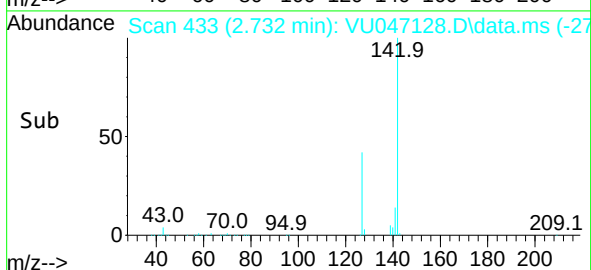
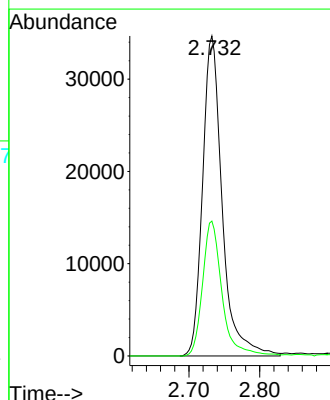
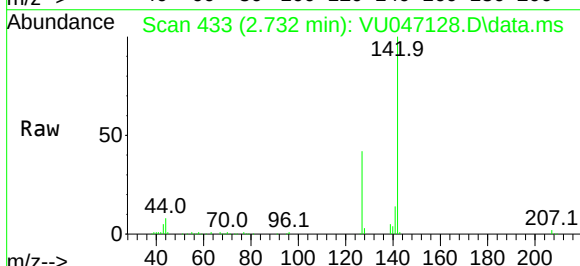
Manual Integrations
APPROVED

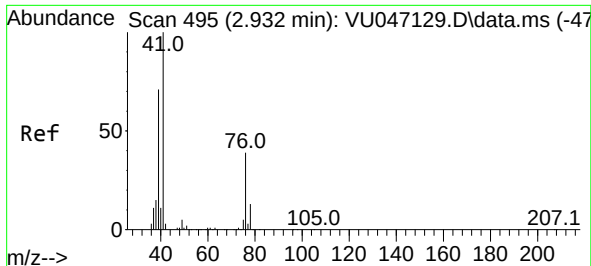
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#10
Iodomethane
Concen: 3.500 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.006 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

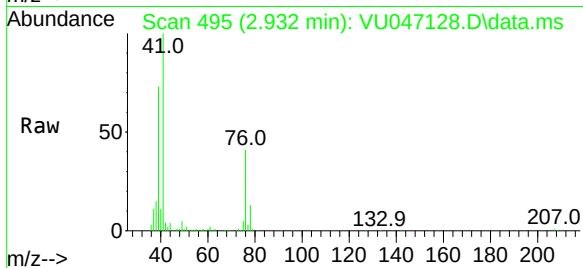
Tgt Ion:142 Resp: 66688
Ion Ratio Lower Upper
142 100
127 41.9 33.2 49.8





#11
 Allyl Chloride
 Concen: 4.965 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. 0.003 min
 Lab File: VU047128.D
 Acq: 14 Feb 2022 11:40

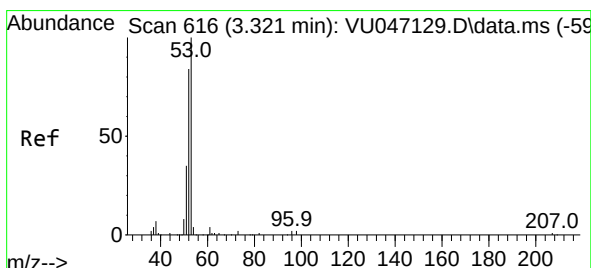
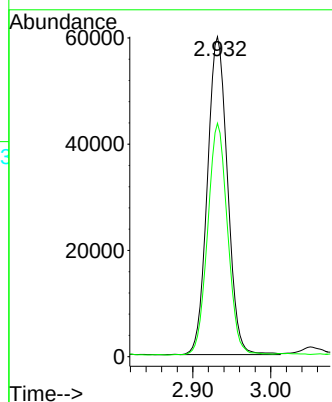
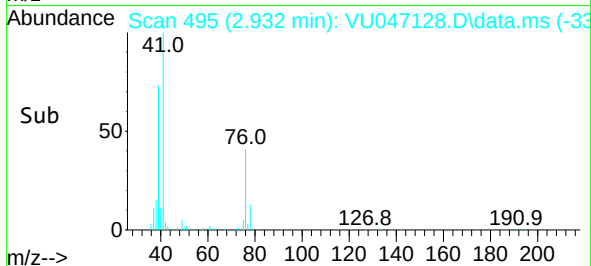
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



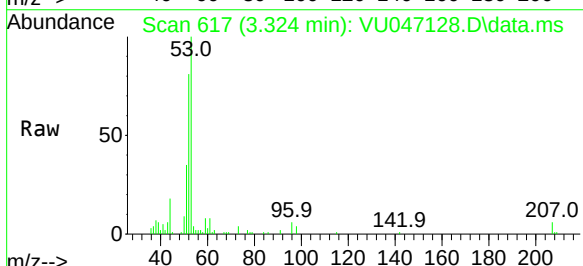
Tgt Ion: 41 Resp: 107274
 Ion Ratio Lower Upper
 41 100
 39 72.1 62.4 93.6

Manual Integrations
 APPROVED

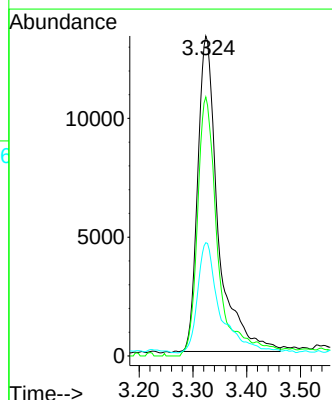
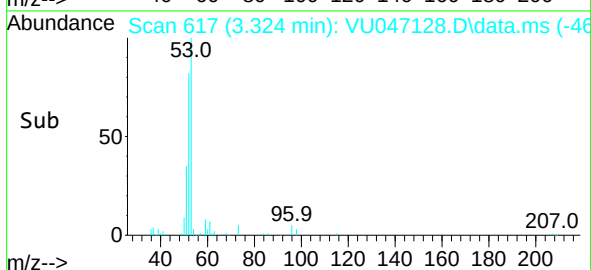
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022

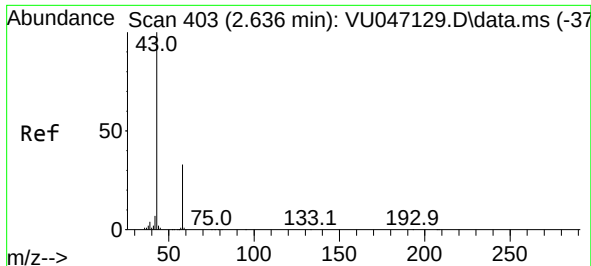


#12
 Acrylonitrile
 Concen: 8.333 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VU047128.D
 Acq: 14 Feb 2022 11:40



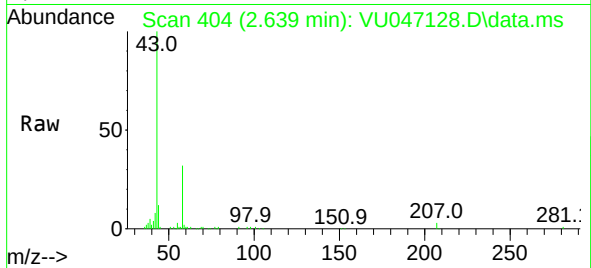
Tgt Ion: 53 Resp: 35116
 Ion Ratio Lower Upper
 53 100
 52 78.9 56.7 85.1
 51 38.7 30.3 45.5





#13
Acetone
Concen: 15.857 ug/l
RT: 2.639 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

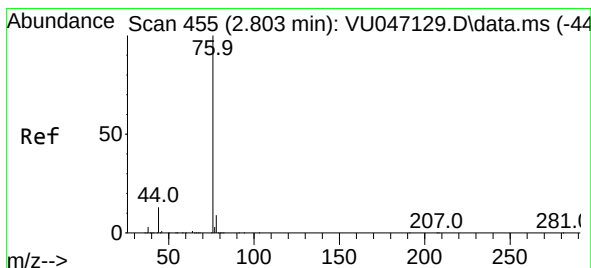
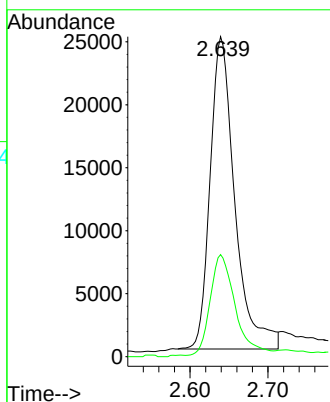
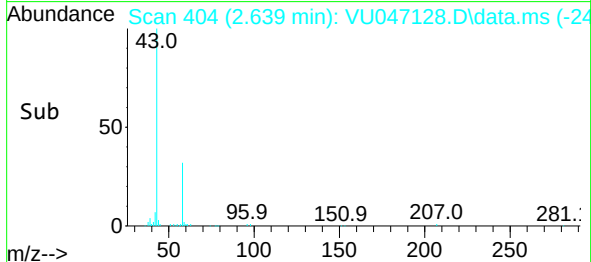
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



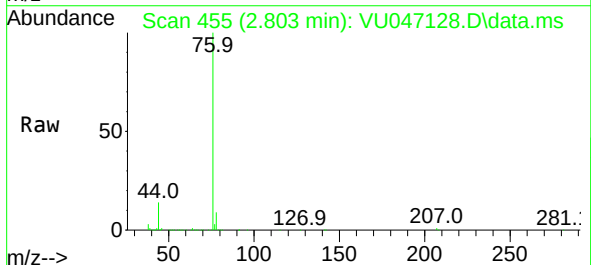
Tgt Ion: 43 Resp: 54620
Ion Ratio Lower Upper
43 100
58 32.2 27.1 40.7

Manual Integrations
APPROVED

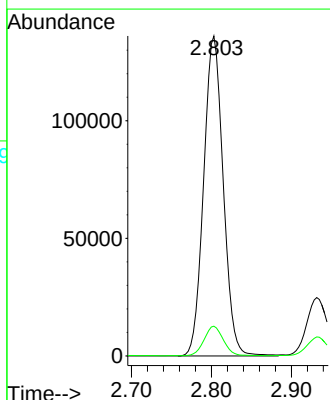
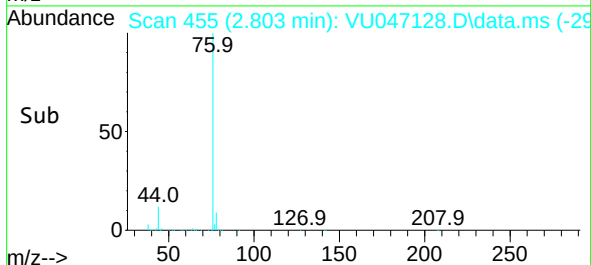
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

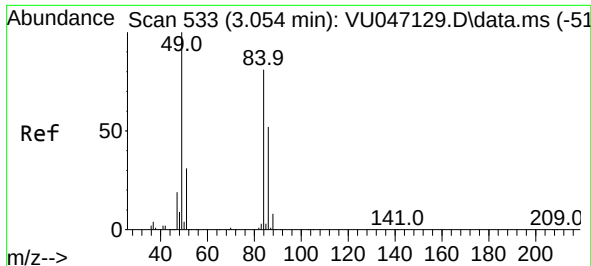


#14
Carbon Disulfide
Concen: 5.864 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.006 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



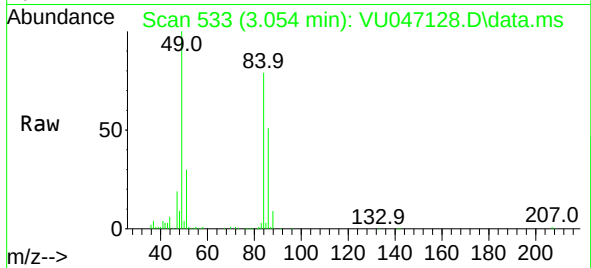
Tgt Ion: 76 Resp: 231969
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7





#15
Methylene Chloride
Concen: 4.723 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

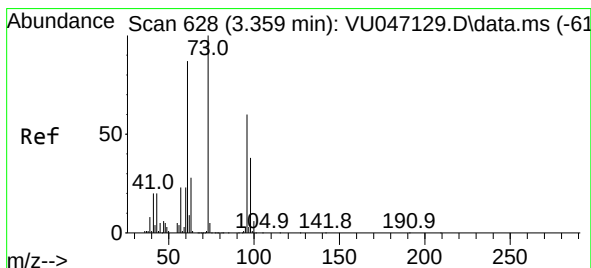
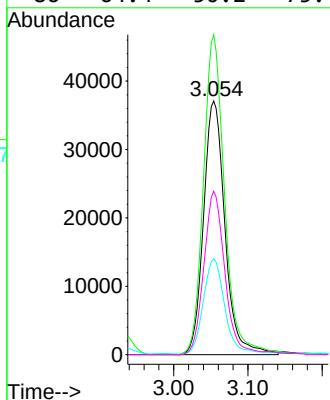
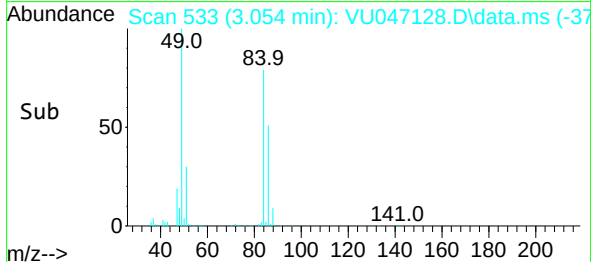
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 84 Resp: 74430
Ion Ratio Lower Upper
84 100
49 126.1 97.2 145.8
51 37.5 0.0 73.4
86 64.4 50.2 75.4

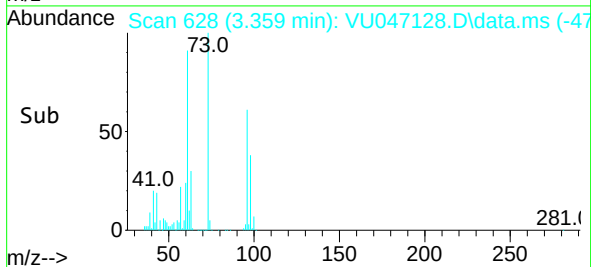
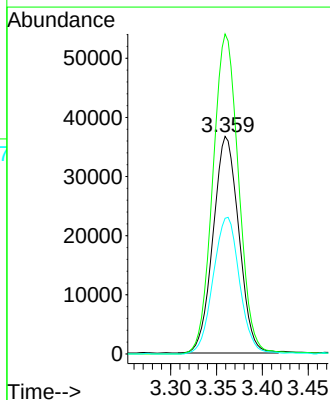
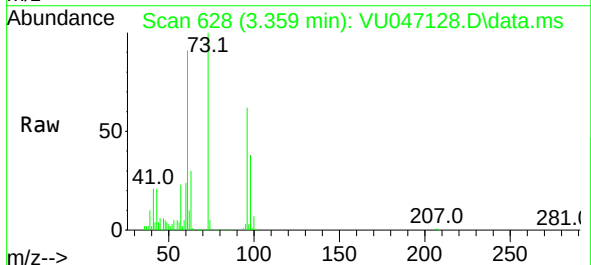
Manual Integrations
APPROVED

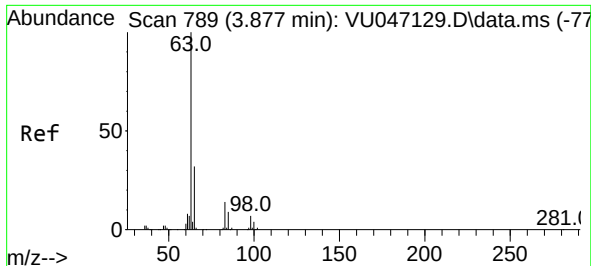
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#16
trans-1,2-Dichloroethene
Concen: 5.116 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Tgt Ion: 96 Resp: 71647
Ion Ratio Lower Upper
96 100
61 147.7 115.8 173.6
98 62.6 51.1 76.7





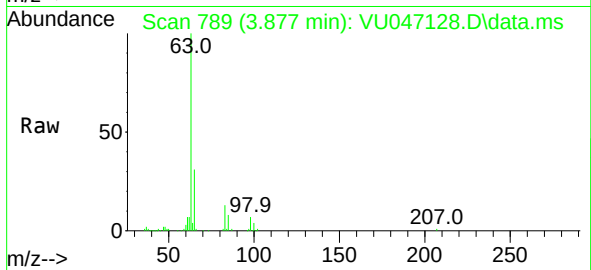
#17
1,1-Dichloroethane
Concen: 4.879 ug/l
RT: 3.877 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005



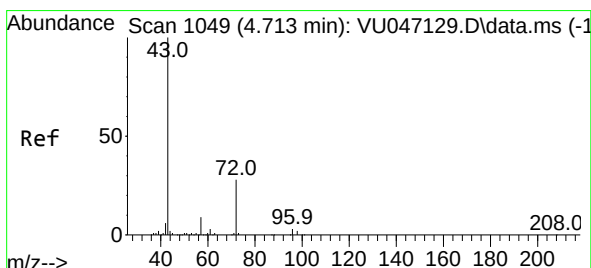
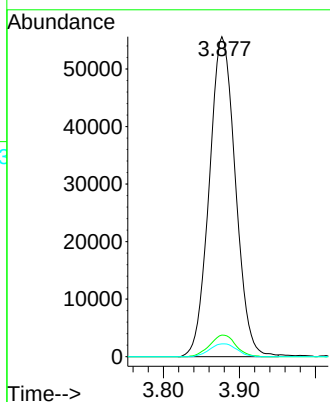
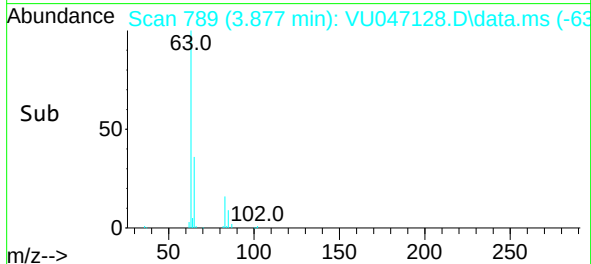
Tgt Ion: 63 Resp: 13274
Ion Ratio Lower Upper
63 100
98 6.8 3.6 10.8
100 4.0 2.1 6.5

Manual Integrations

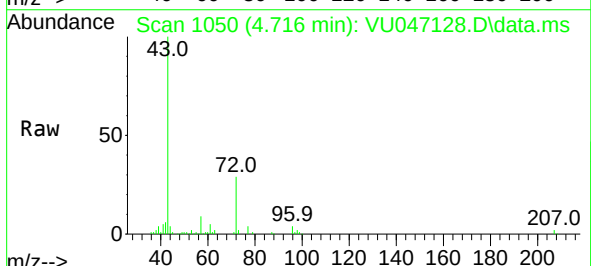
APPROVED

Reviewed By :John Carlone 02/15/2022

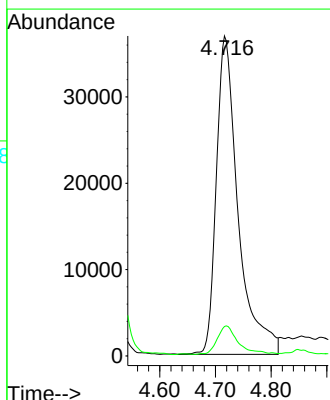
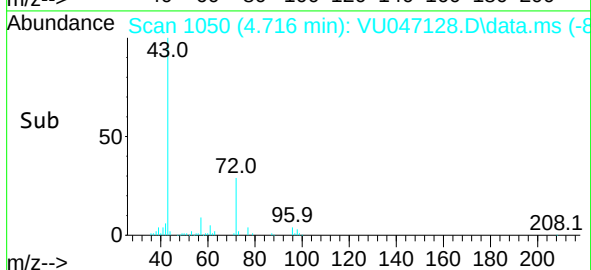
Supervised By :Mahesh Dadoda 02/15/2022

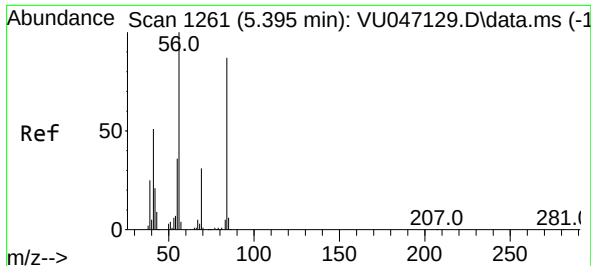


#18
2-Butanone
Concen: 19.773 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



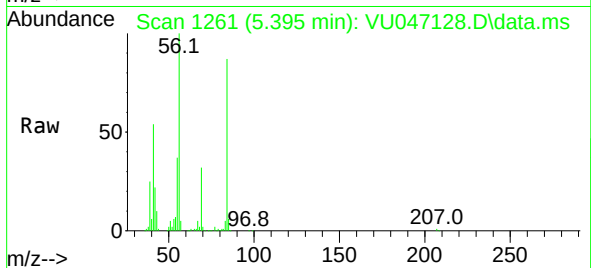
Tgt Ion: 43 Resp: 100393
Ion Ratio Lower Upper
43 100
57 8.7 0.0 16.6





#19
Cyclohexane
Concen: 5.473 ug/l m
RT: 5.395 min Scan# 1261
Delta R.T. 0.004 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

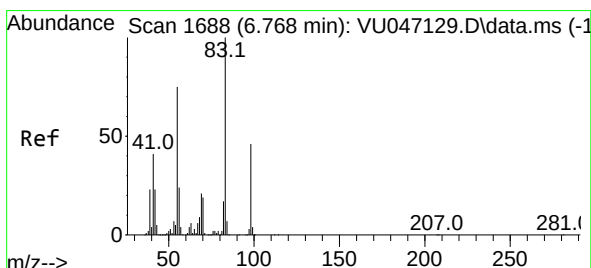
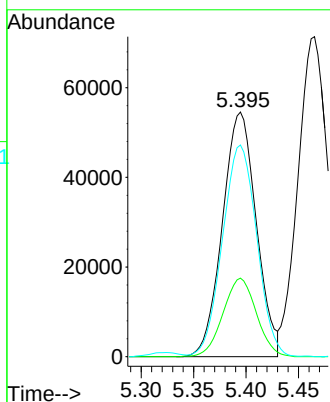
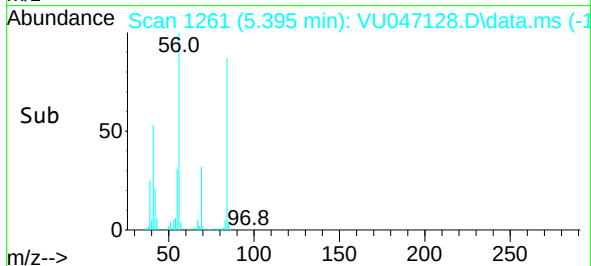
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



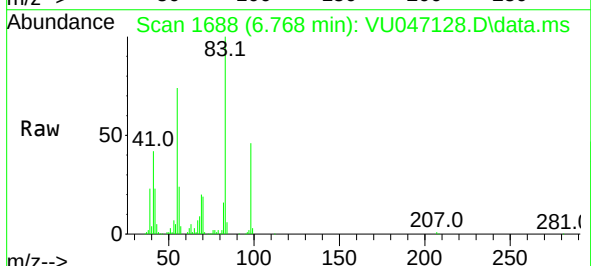
Tgt Ion: 56 Resp: 122514
Ion Ratio Lower Upper
56 100
69 31.7 24.7 37.1
84 86.6 68.8 103.2

Manual Integrations
APPROVED

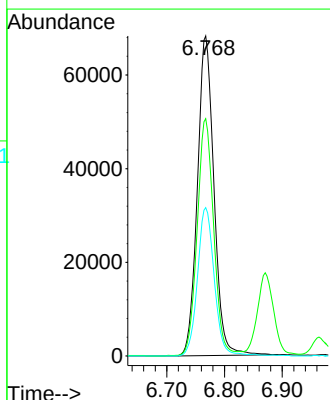
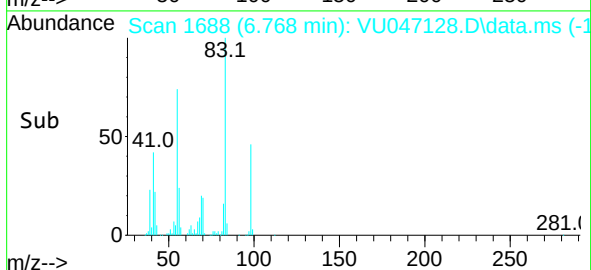
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

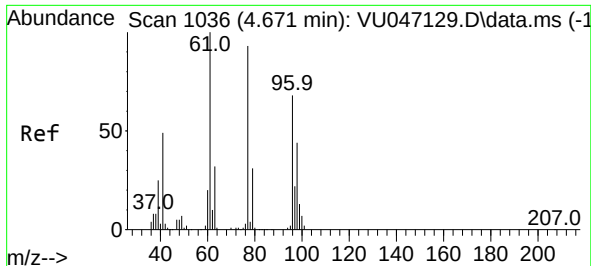


#20
Methylcyclohexane
Concen: 6.334 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



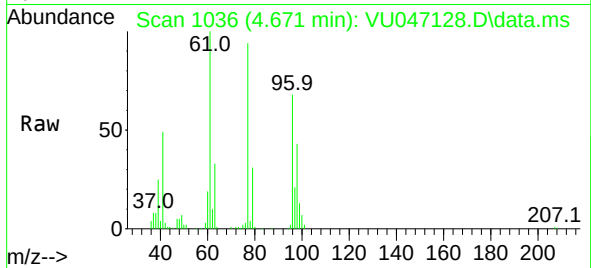
Tgt Ion: 83 Resp: 136084
Ion Ratio Lower Upper
83 100
55 71.3 61.9 92.9
98 46.0 37.4 56.2





#21
2,2-Dichloropropane
Concen: 5.741 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

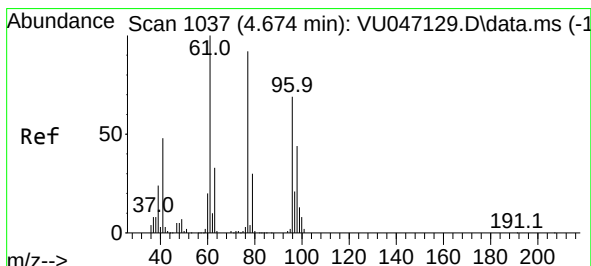
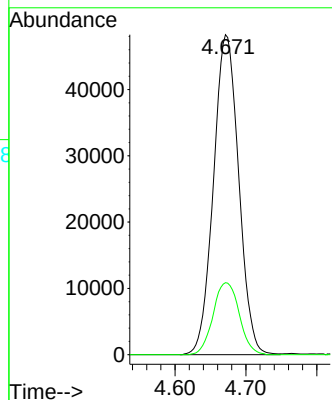
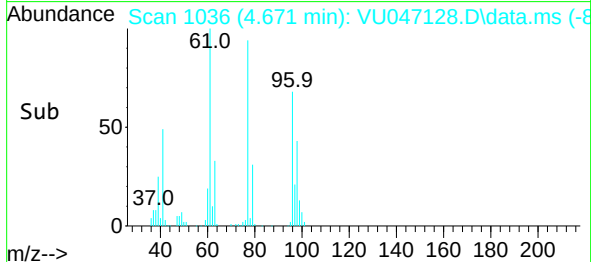
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



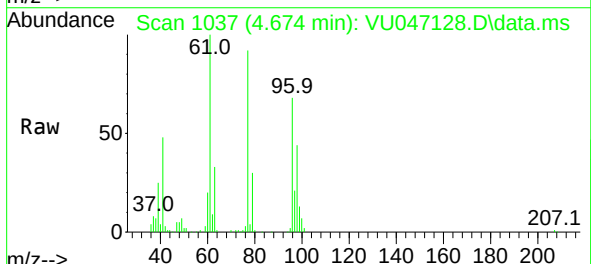
Tgt Ion: 77 Resp: 11944
Ion Ratio Lower Upper
77 100
97 23.3 17.2 25.8

Manual Integrations
APPROVED

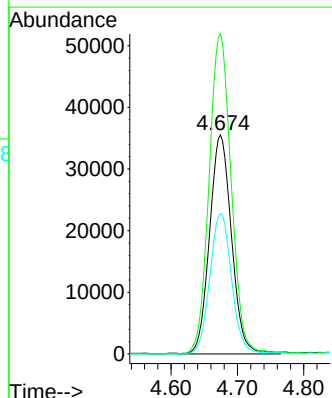
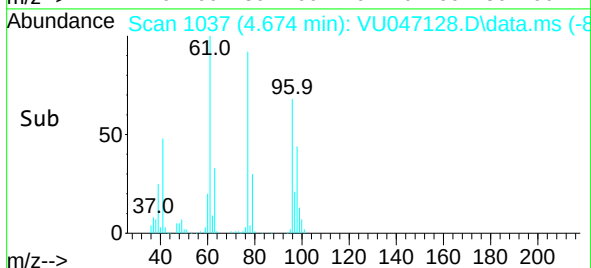
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

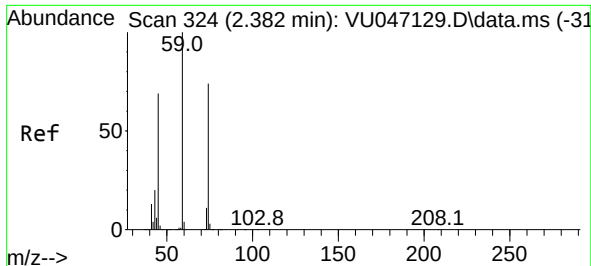


#22
cis-1,2-Dichloroethene
Concen: 5.197 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



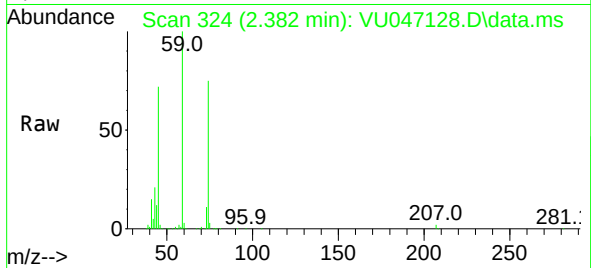
Tgt Ion: 96 Resp: 81877
Ion Ratio Lower Upper
96 100
61 146.5 0.0 385.3
98 63.4 32.1 96.3





#23
Diethyl Ether
Concen: 4.942 ug/l
RT: 2.382 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

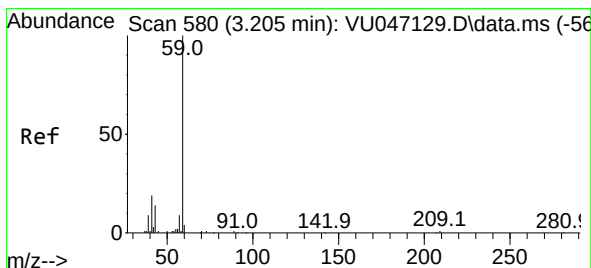
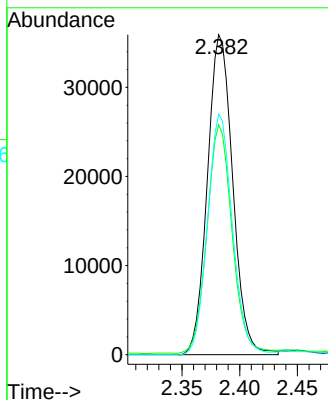
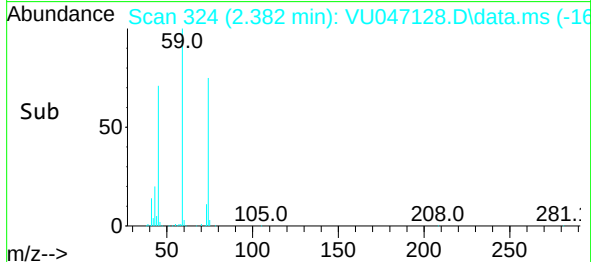
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



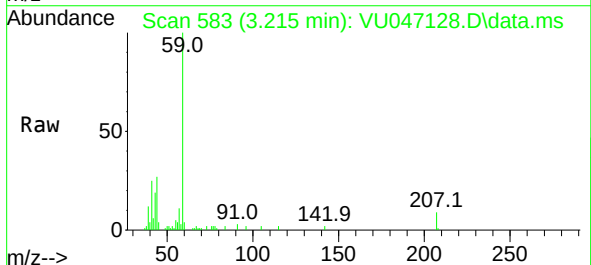
Tgt Ion: 59 Resp: 54830
Ion Ratio Lower Upper
59 100
45 70.5 55.6 83.4
74 73.9 58.1 87.1

Manual Integrations
APPROVED

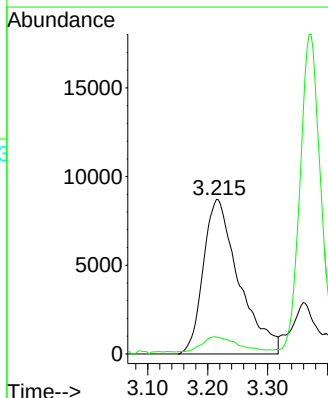
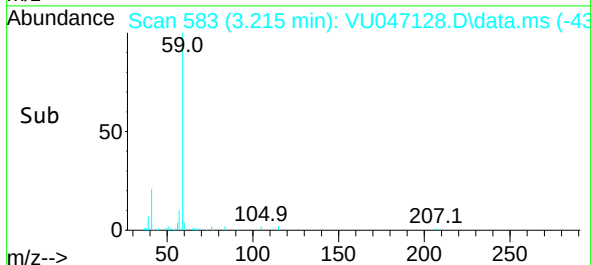
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

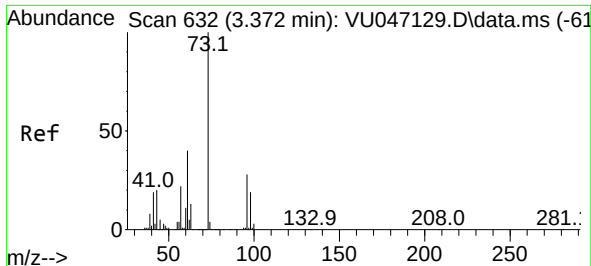


#24
tert-Butyl Alcohol
Concen: 36.221 ug/l
RT: 3.215 min Scan# 583
Delta R.T. -0.009 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



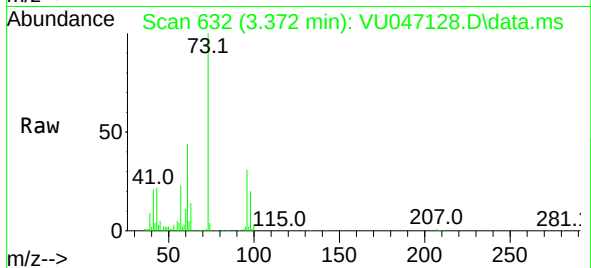
Tgt Ion: 59 Resp: 36035
Ion Ratio Lower Upper
59 100
57 9.0 6.5 9.7





#25
Methyl tert-Butyl Ether
Concen: 5.241 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

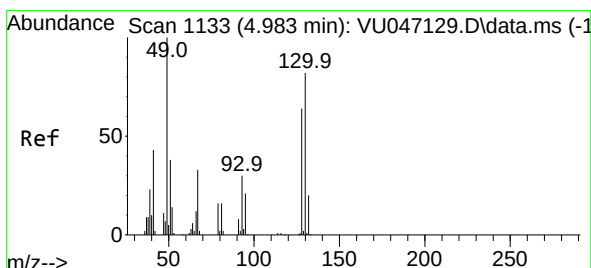
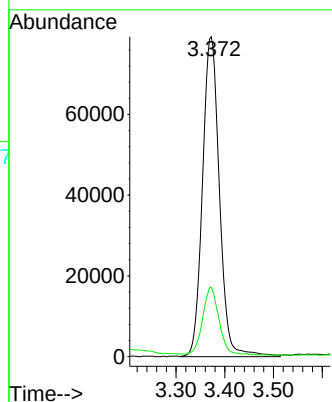
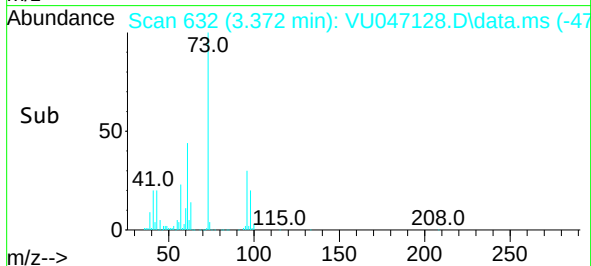
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



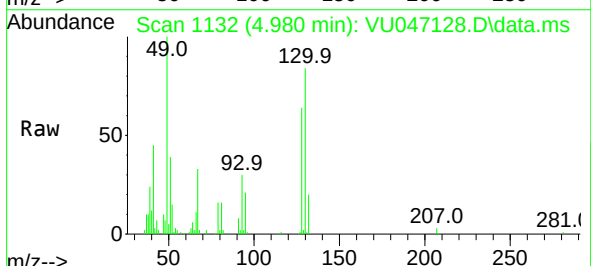
Tgt Ion: 73 Resp: 19181
Ion Ratio Lower Upper
73 100
43 19.4 16.3 24.5

Manual Integrations
APPROVED

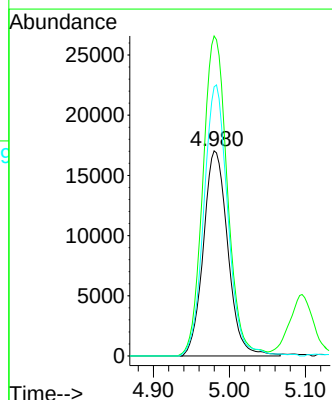
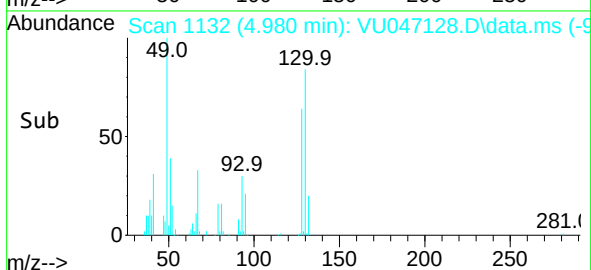
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

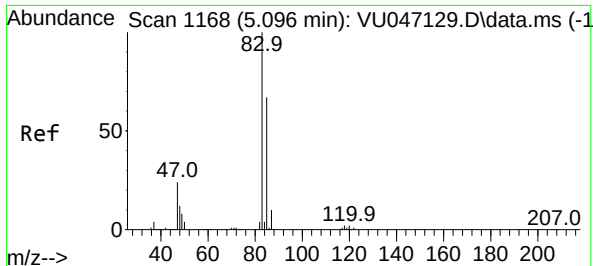


#26
Bromochloromethane
Concen: 5.033 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



Tgt Ion:128 Resp: 37995
Ion Ratio Lower Upper
128 100
49 156.4 0.0 347.4
130 129.8 101.5 152.3





#27

Chloroform

Concen: 4.499 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.004 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 13128

Ion Ratio Lower Upper

83 100

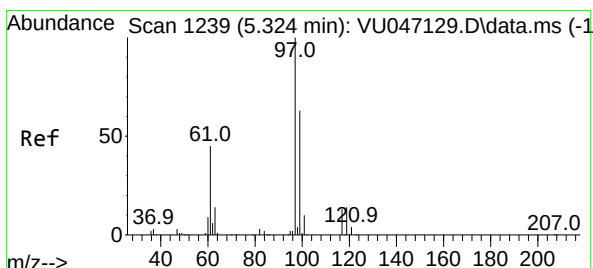
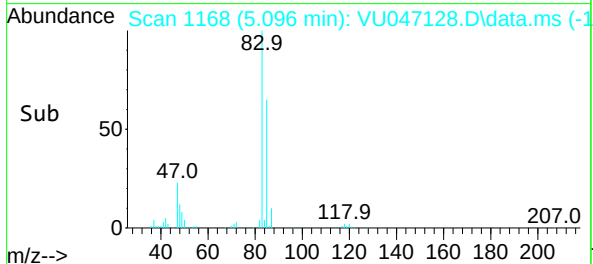
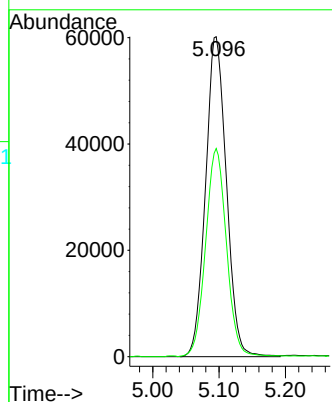
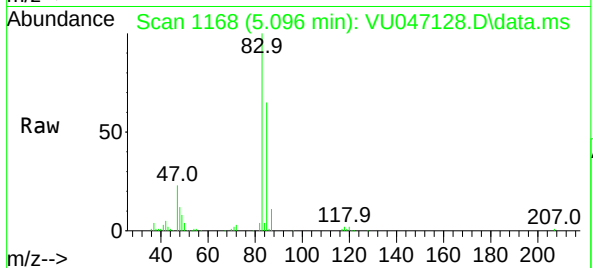
85 64.9 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#28

1,1,1-Trichloroethane

Concen: 5.121 ug/l

RT: 5.324 min Scan# 1239

Delta R.T. 0.003 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

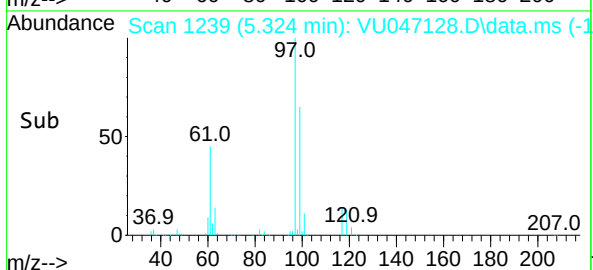
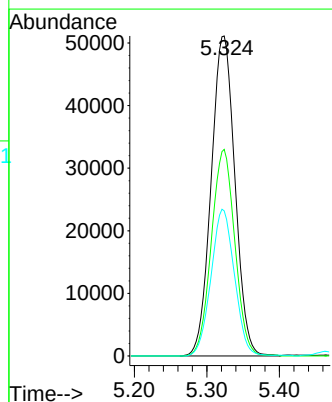
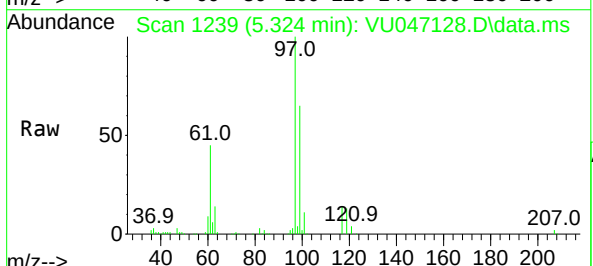
Tgt Ion: 97 Resp: 116411

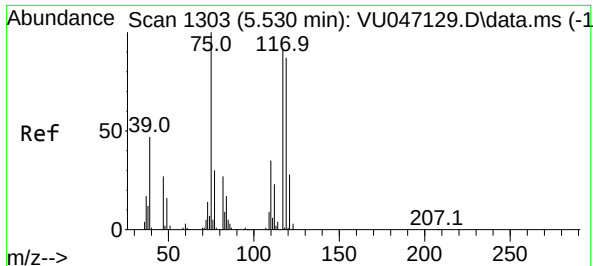
Ion Ratio Lower Upper

97 100

99 63.7 32.2 96.6

61 45.2 24.5 73.5





#29

1,1-Dichloropropene

Concen: 5.434 ug/l

RT: 5.533 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 106359

Ion Ratio Lower Upper

75 100

110 35.2 16.8 50.3

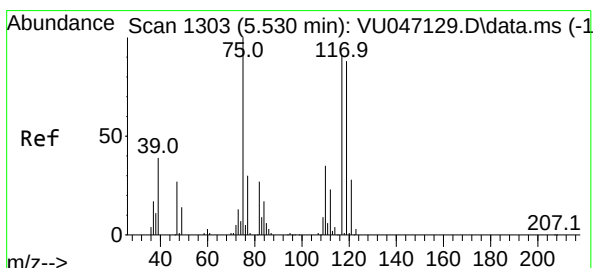
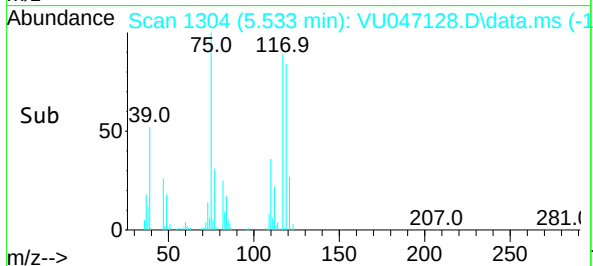
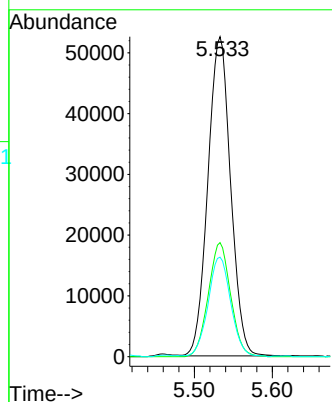
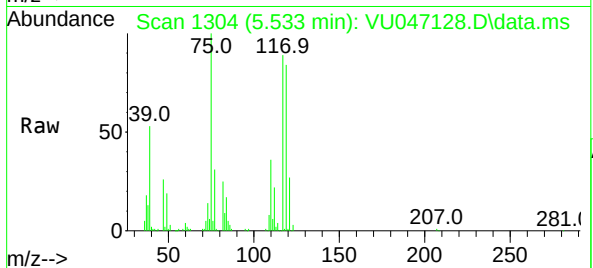
77 31.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#30

Carbon Tetrachloride

Concen: 5.292 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.003 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

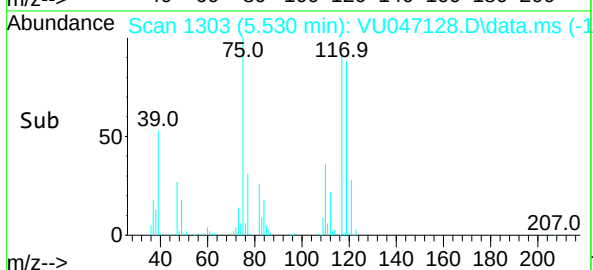
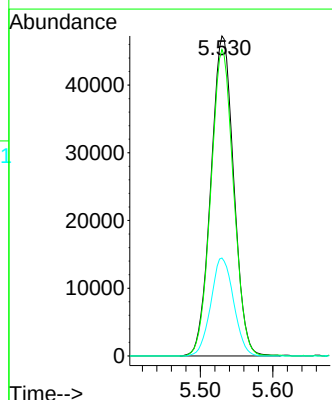
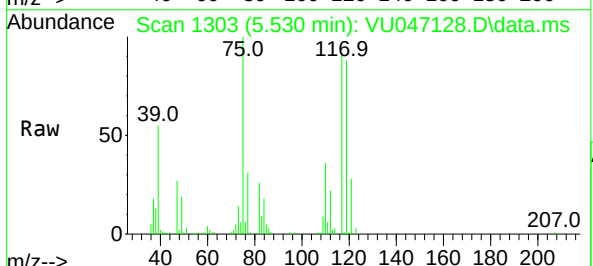
Tgt Ion:117 Resp: 103373

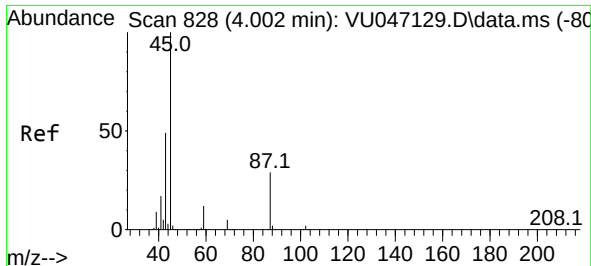
Ion Ratio Lower Upper

117 100

119 95.7 76.8 115.2

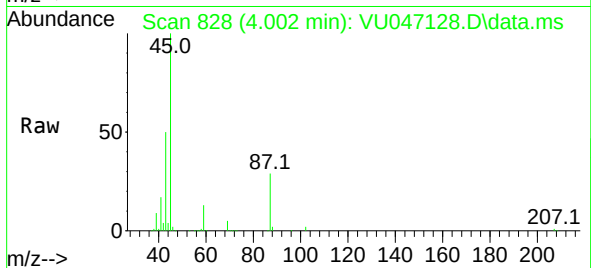
121 30.6 24.6 37.0





#31
Isopropyl Ether
Concen: 5.175 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

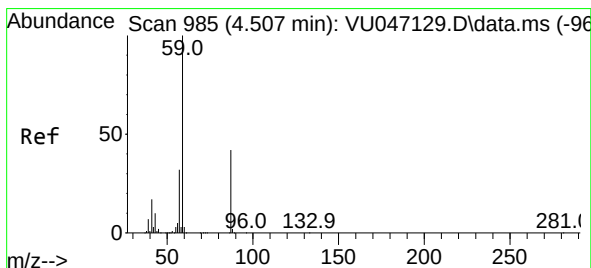
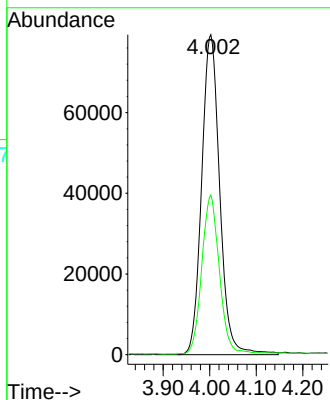
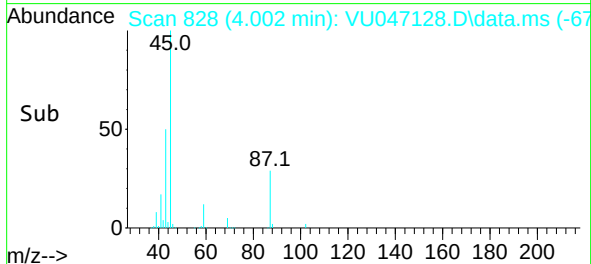
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



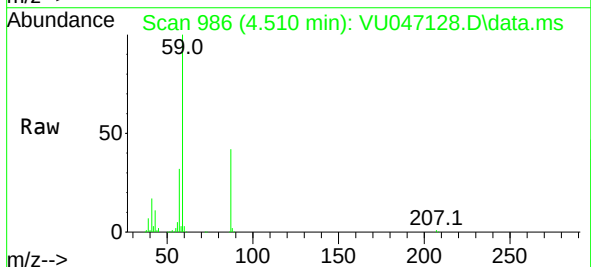
Tgt Ion: 45 Resp: 214150
Ion Ratio Lower Upper
45 100
43 48.2 25.3 75.8

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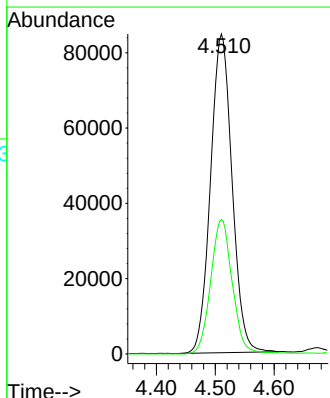
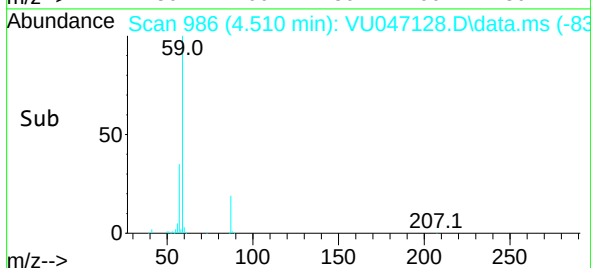
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

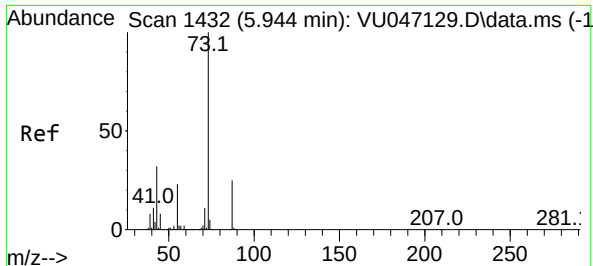


#32
Ethyl-t-butyl ether
Concen: 5.784 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



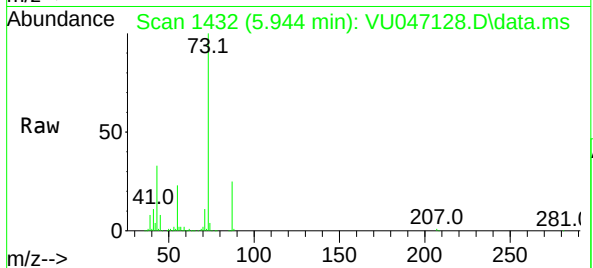
Tgt Ion: 59 Resp: 215082
Ion Ratio Lower Upper
59 100
87 42.0 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 5.958 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.004 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

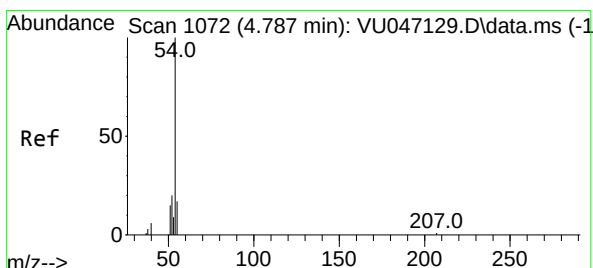
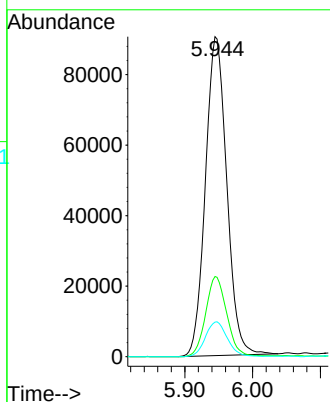
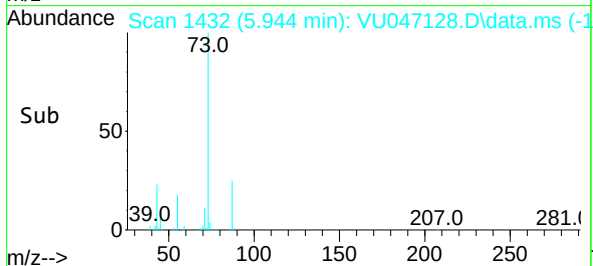
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



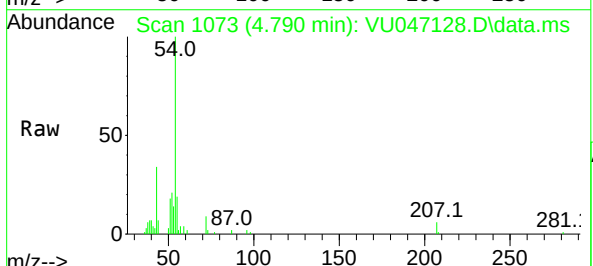
Tgt Ion: 73 Resp: 19755
Ion Ratio Lower Upper
73 100
87 24.4 18.6 28.0
71 11.1 9.0 13.6

Manual Integrations
APPROVED

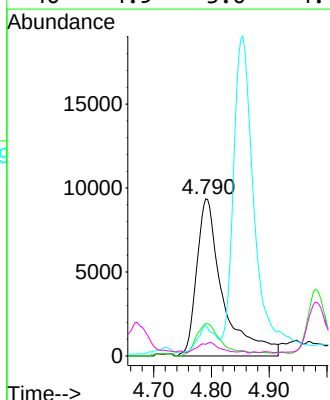
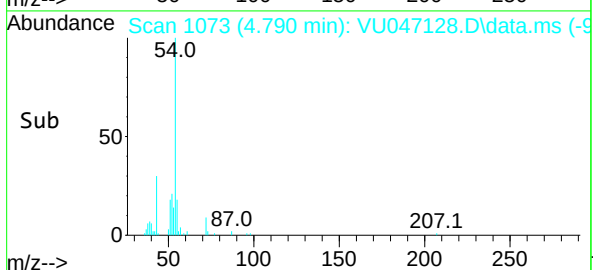
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

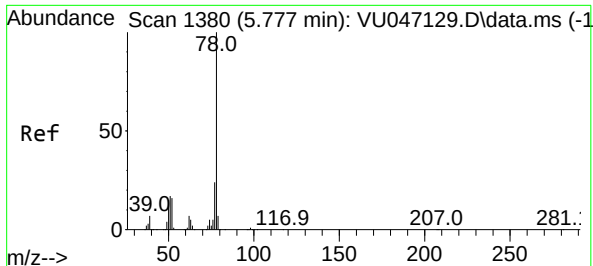


#34
Propionitrile
Concen: 19.449 ug/l
RT: 4.790 min Scan# 1073
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



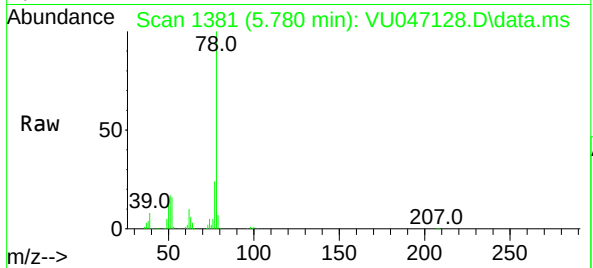
Tgt Ion: 54 Resp: 29368
Ion Ratio Lower Upper
54 100
52 18.9 11.9 17.9#
55 10.0 8.0 12.0
40 4.9 3.0 4.4#





#35
Benzene
Concen: 5.065 ug/l
RT: 5.780 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

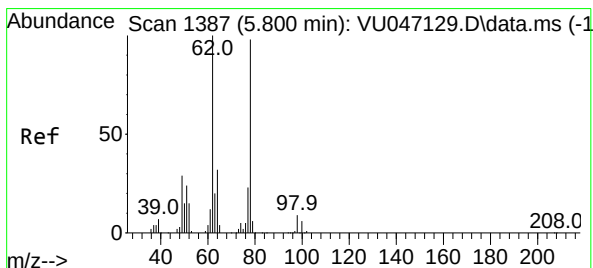
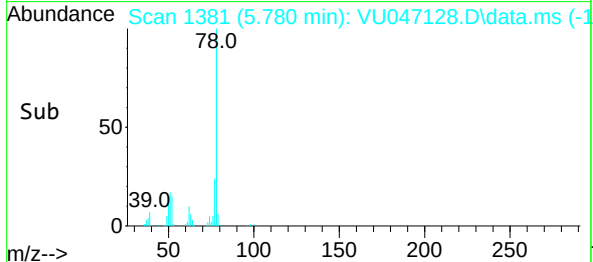
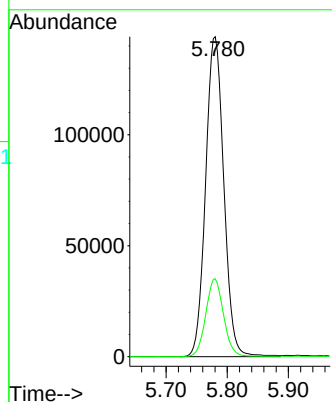
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 78 Resp: 29851
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

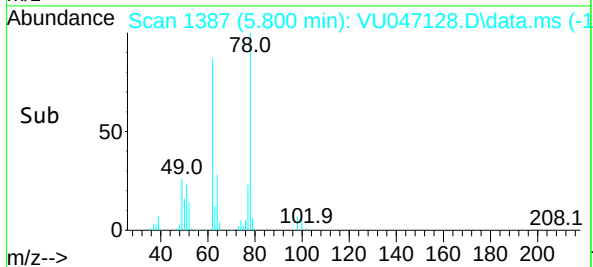
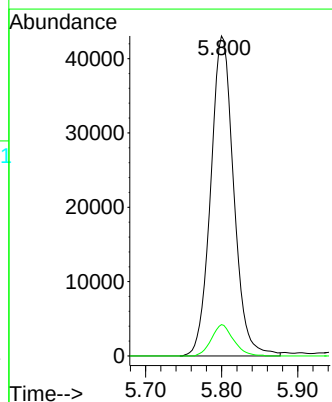
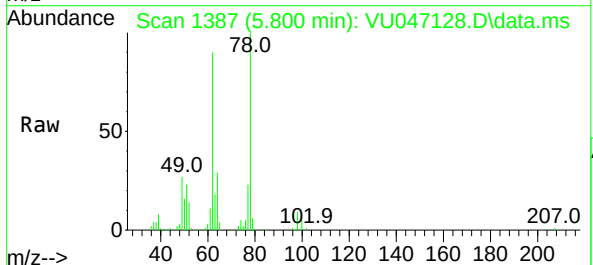
Manual Integrations
APPROVED

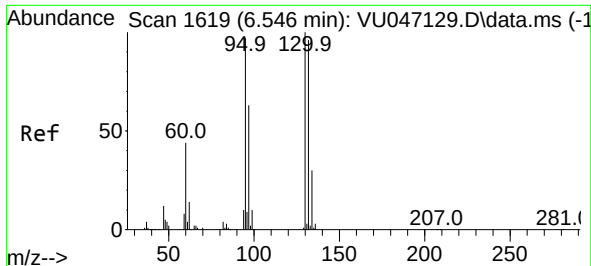
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#36
1,2-Dichloroethane
Concen: 5.045 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Tgt Ion: 62 Resp: 90604
Ion Ratio Lower Upper
62 100
98 9.4 7.3 10.9





#37

Trichloroethene

Concen: 5.614 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:130 Resp: 8340

Ion Ratio Lower Upper

130 100

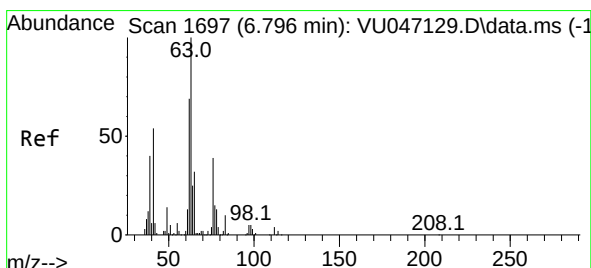
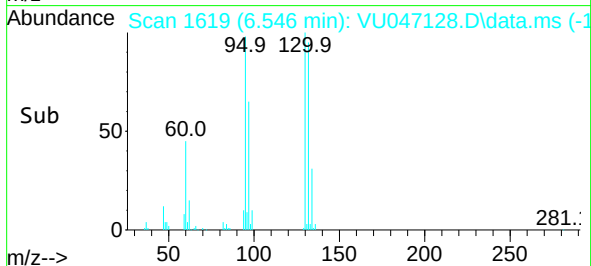
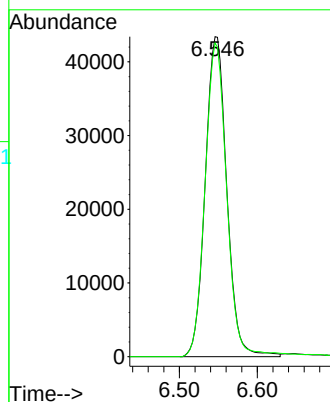
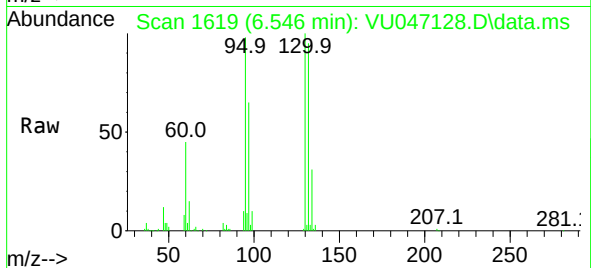
95 98.0 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#38

1,2-Dichloropropane

Concen: 5.073 ug/l

RT: 6.796 min Scan# 1697

Delta R.T. 0.003 min

Lab File: VU047128.D

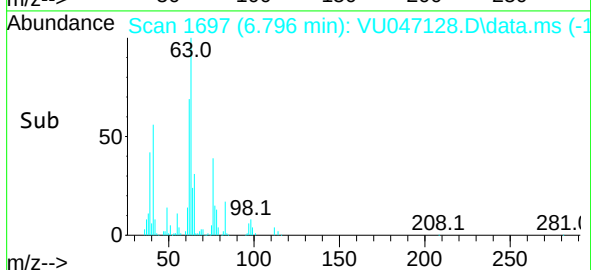
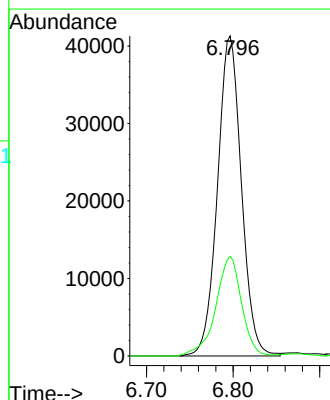
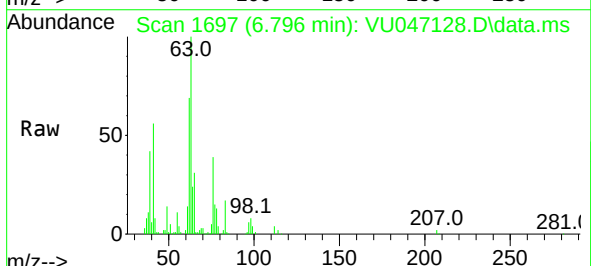
Acq: 14 Feb 2022 11:40

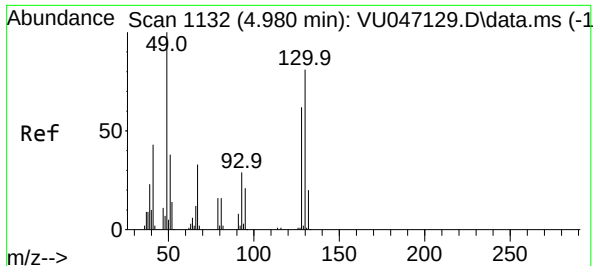
Tgt Ion: 63 Resp: 79203

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1





#39

Methacrylonitrile

Concen: 4.831 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 2702

Ion Ratio Lower Upper

41 100

67 82.7 65.2 97.8

39 55.4 43.0 64.6

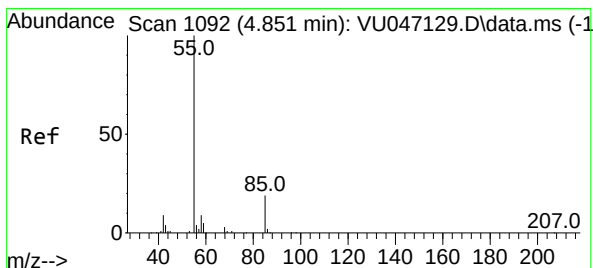
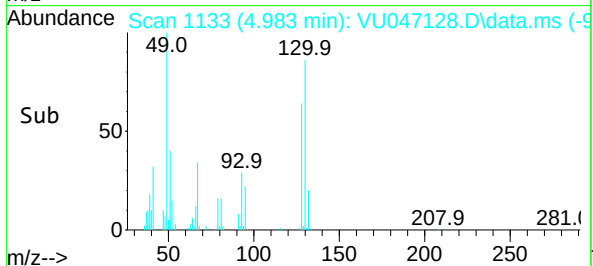
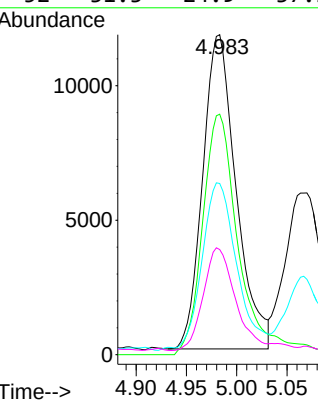
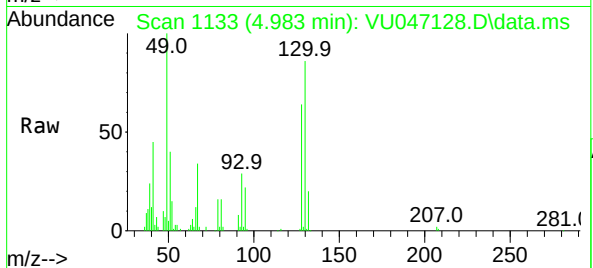
52 31.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#40

Methyl acrylate

Concen: 5.300 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

Tgt Ion: 55 Resp: 45224

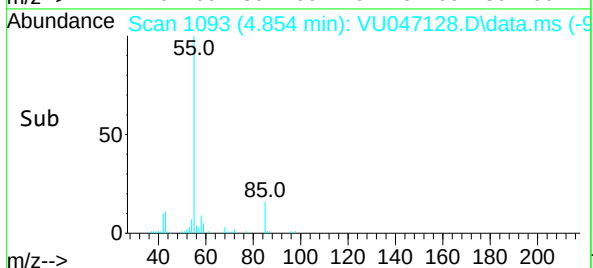
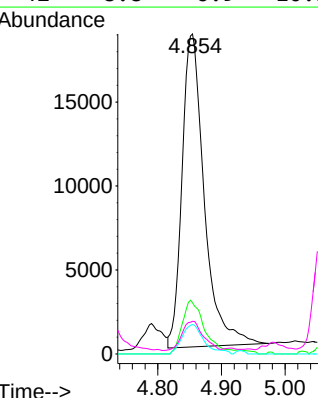
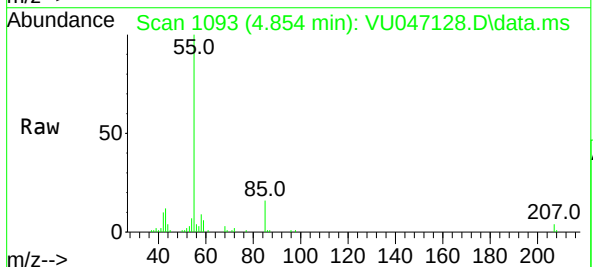
Ion Ratio Lower Upper

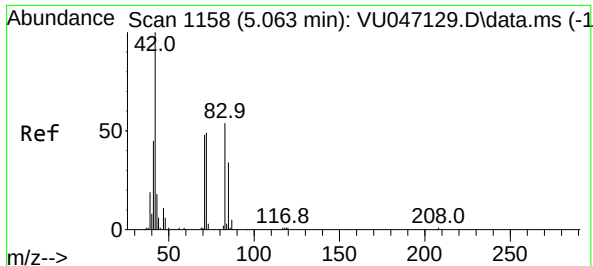
55 100

85 17.3 12.2 18.2

58 9.2 6.7 10.1

42 8.8 6.9 10.3





#41

Tetrahydrofuran

Concen: 7.973 ug/l

RT: 5.067 min Scan# 1158

Delta R.T. -0.000 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

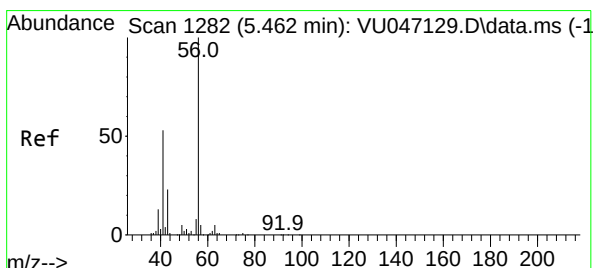
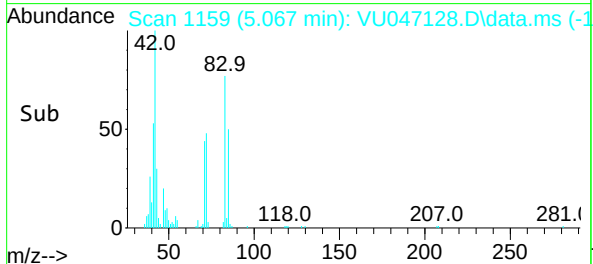
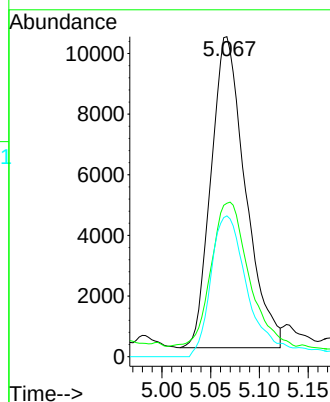
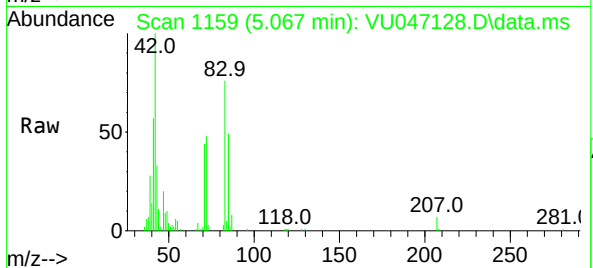
Tgt Ion:	42	Resp:	2514
Ion Ratio	Lower	Upper	
42	100		
72	50.0	42.4	63.6
71	48.4	36.4	54.6

Manual Integrations

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Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#42

1-Chlorobutane

Concen: 5.180 ug/l

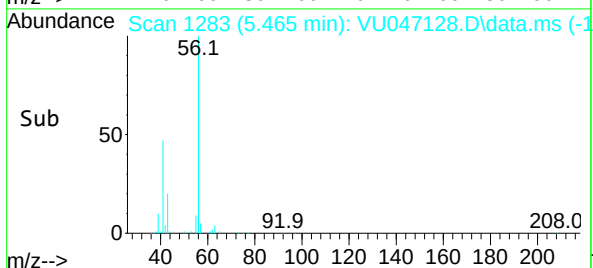
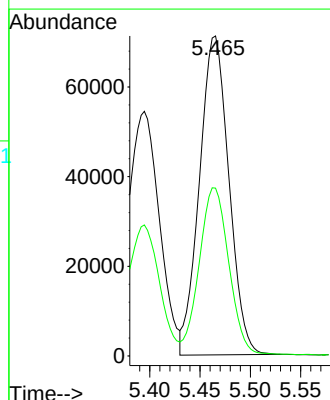
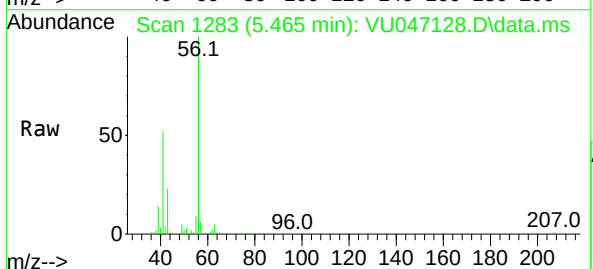
RT: 5.465 min Scan# 1283

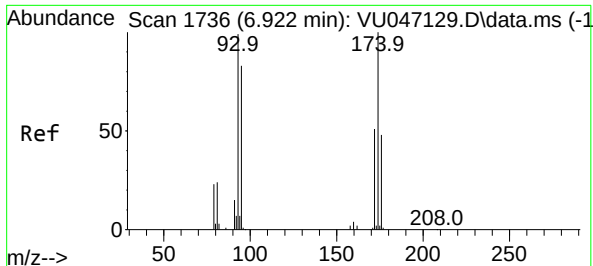
Delta R.T. 0.003 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

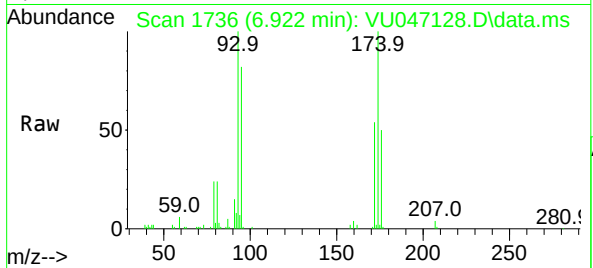
Tgt Ion:	56	Resp:	145080
Ion Ratio	Lower	Upper	
56	100		
41	52.6	26.0	78.0





#43
Dibromomethane
Concen: 4.981 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

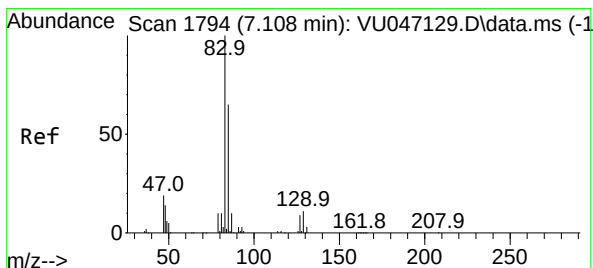
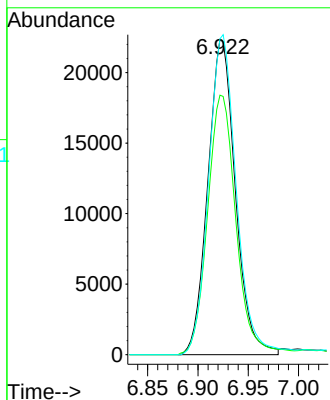
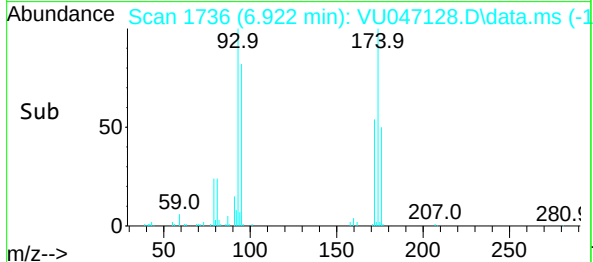
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



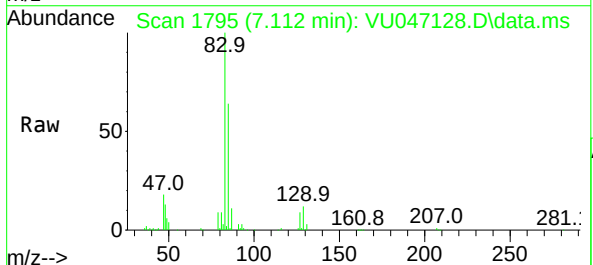
Tgt Ion: 93 Resp: 4258
Ion Ratio Lower Upper
93 100
95 85.0 66.2 99.2
174 102.4 70.7 106.1

Manual Integrations
APPROVED

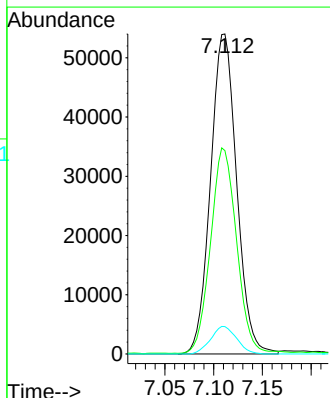
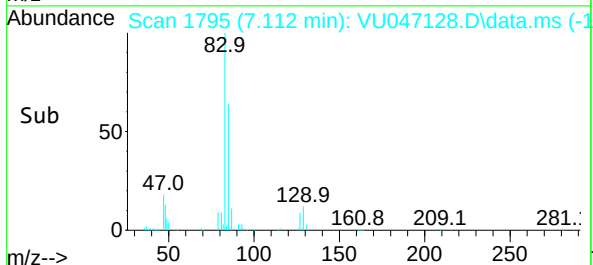
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

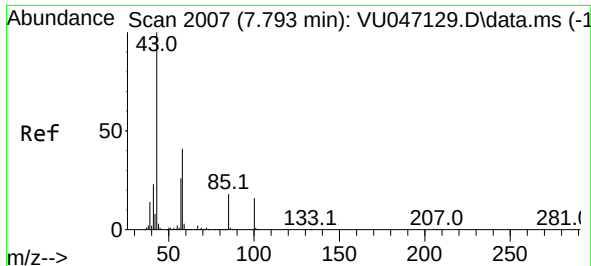


#44
Bromodichloromethane
Concen: 4.974 ug/l
RT: 7.112 min Scan# 1795
Delta R.T. 0.004 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



Tgt Ion: 83 Resp: 100785
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 8.6 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 28.170 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. -0.001 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 296458

Ion Ratio Lower Upper

43 100

58 41.3 21.0 63.0

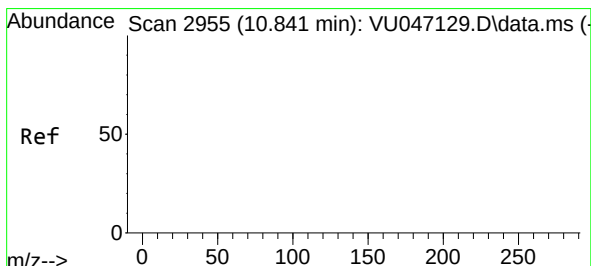
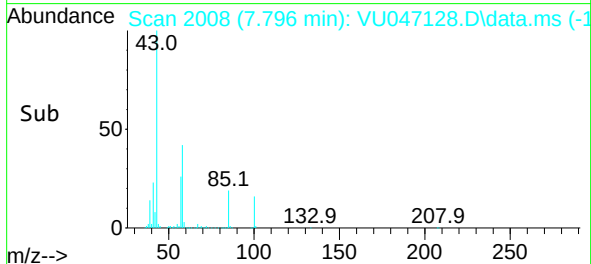
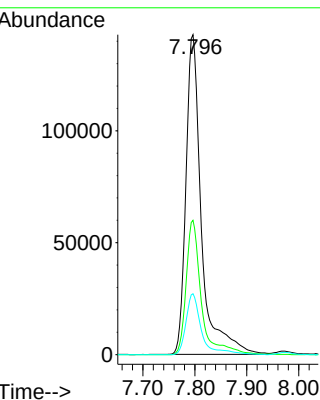
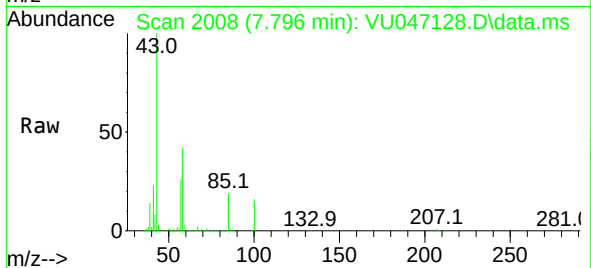
85 19.2 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#46

t-1,4-Dichloro-2-butene

Concen: 11.798 ug/l m

RT: 10.838 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

Tgt Ion: 75 Resp: 49422

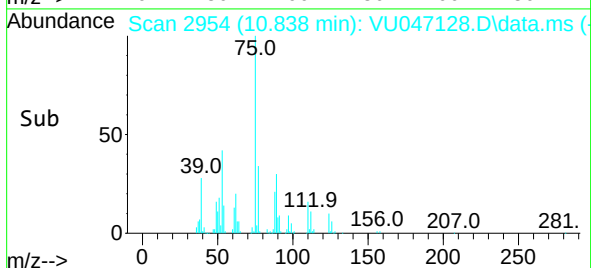
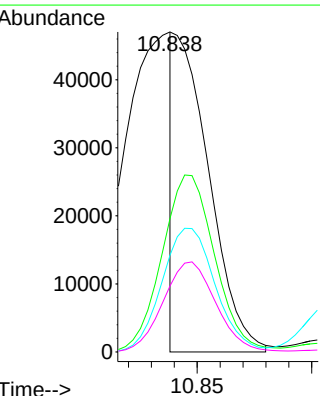
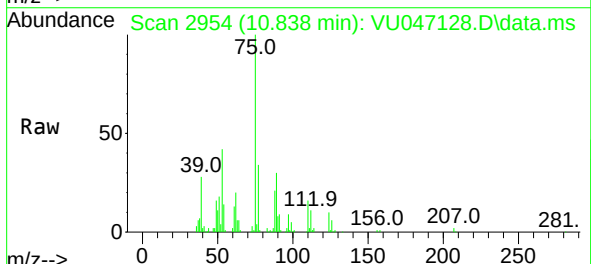
Ion Ratio Lower Upper

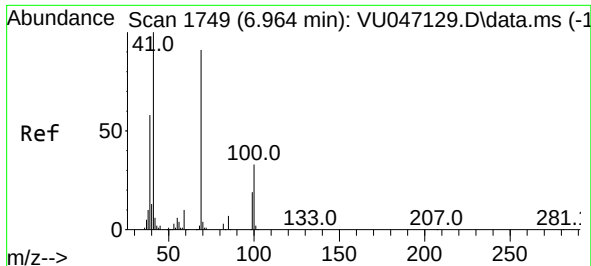
75 100

53 84.7 66.8 100.2

89 59.9 41.7 62.5

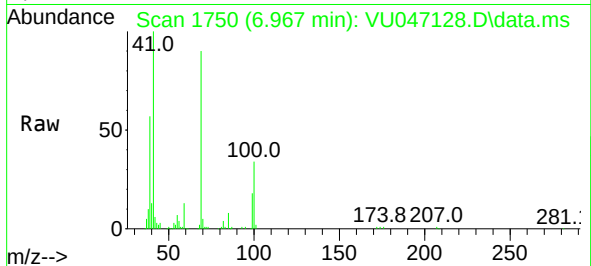
88 43.0 32.3 48.5





#47
Methyl methacrylate
Concen: 11.643 ug/l
RT: 6.967 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

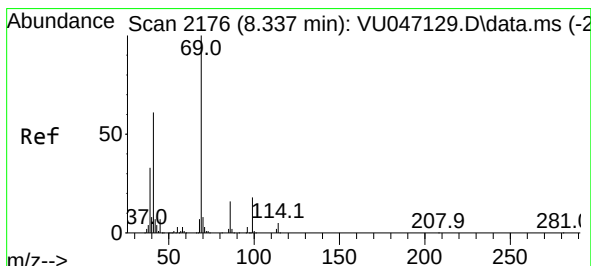
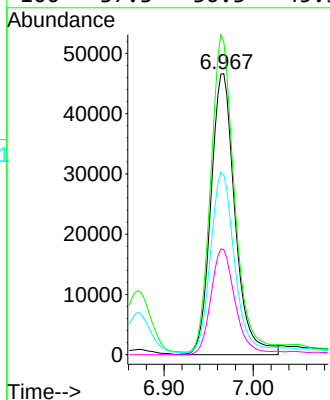
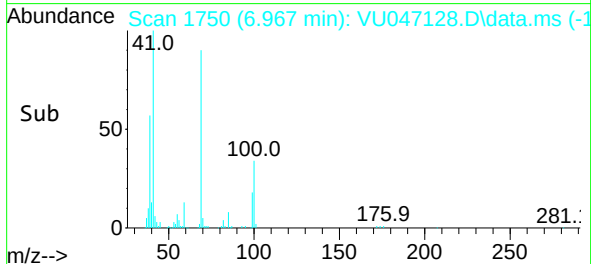
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 69 Resp: 87993
Ion Ratio Lower Upper
69 100
41 110.8 0.0 230.0
39 62.7 55.1 82.7
100 37.3 30.3 45.5

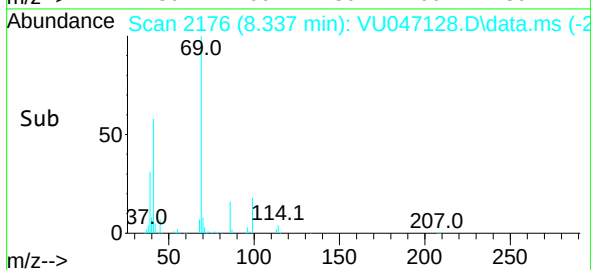
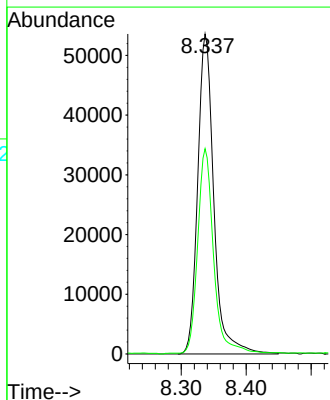
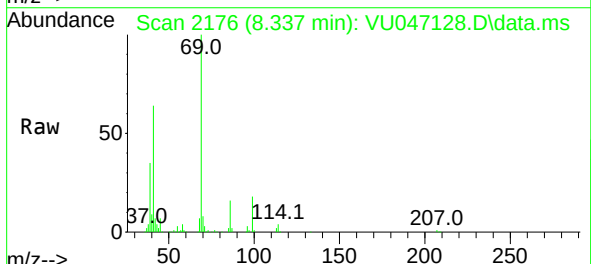
Manual Integrations
APPROVED

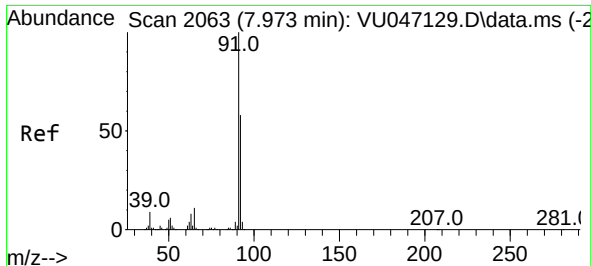
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#48
Ethyl methacrylate
Concen: 6.761 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

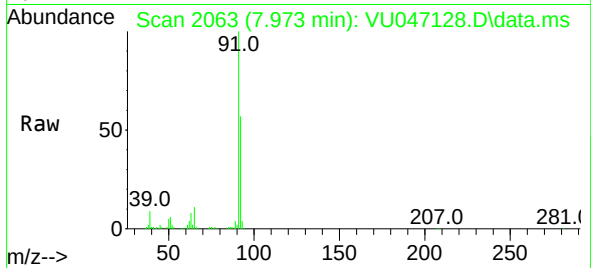
Tgt Ion: 69 Resp: 92623
Ion Ratio Lower Upper
69 100
41 62.6 32.6 98.0





#49
Toluene
Concen: 5.571 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

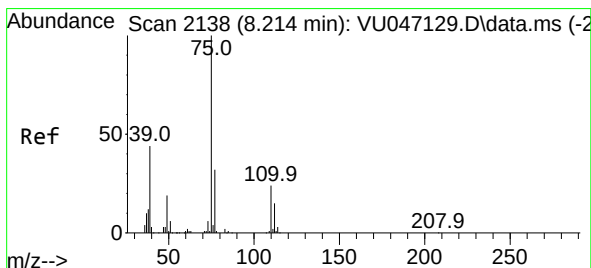
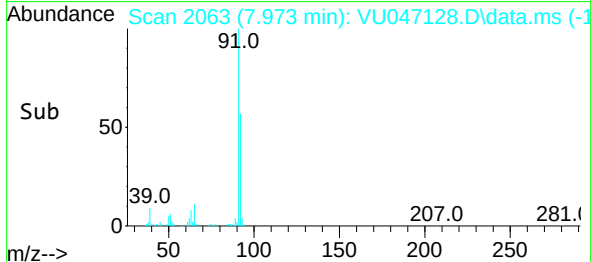
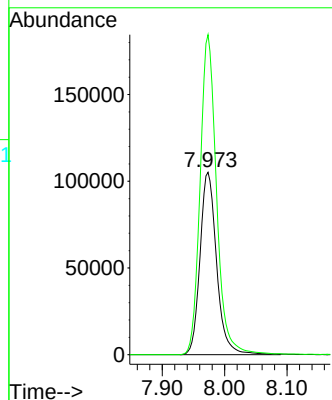
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 92 Resp: 194640
Ion Ratio Lower Upper
92 100
91 173.7 136.8 205.2

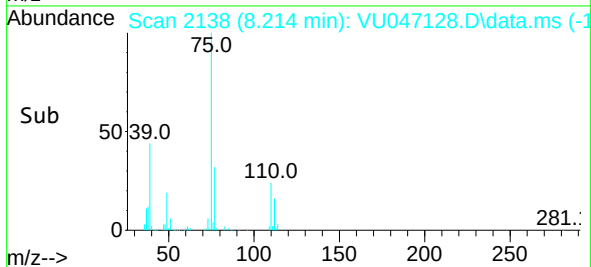
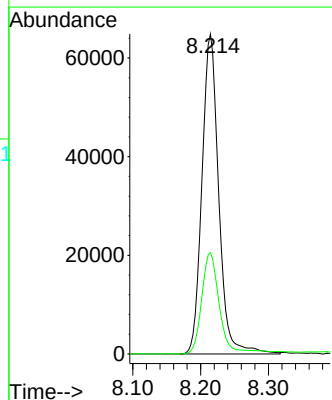
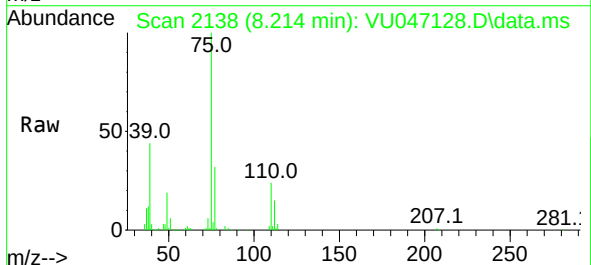
Manual Integrations
APPROVED

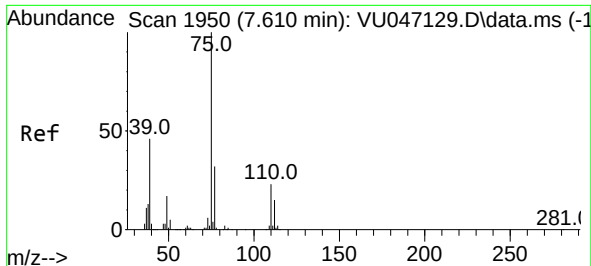
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#50
t-1,3-Dichloropropene
Concen: 6.280 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

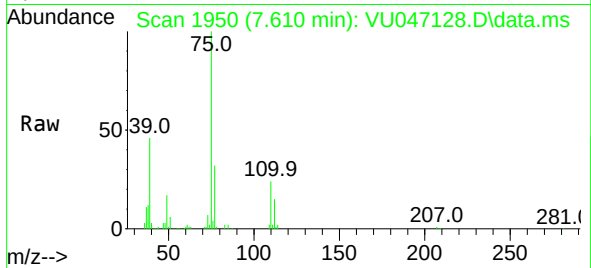
Tgt Ion: 75 Resp: 111459
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 6.136 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

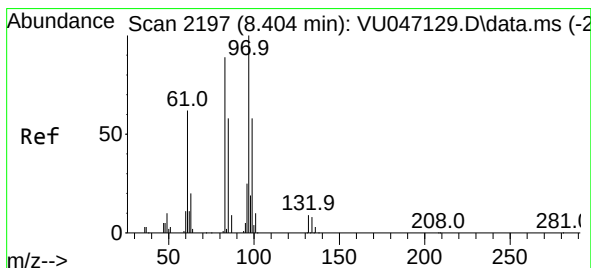
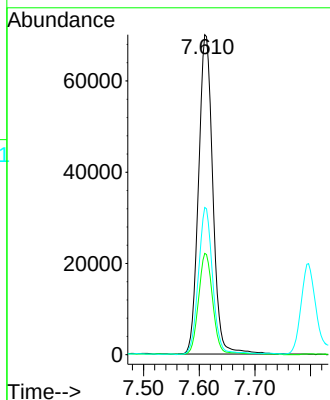
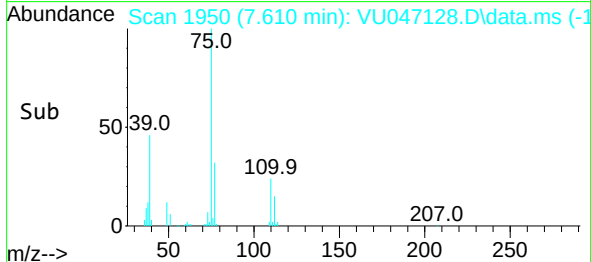
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 124840
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 46.0 38.6 57.8

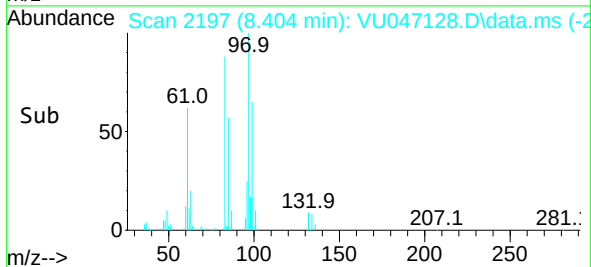
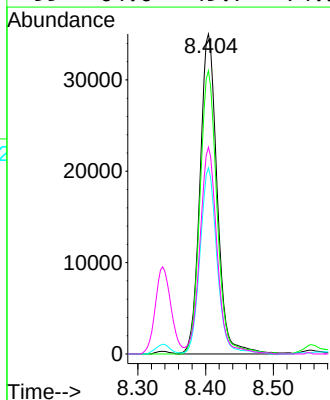
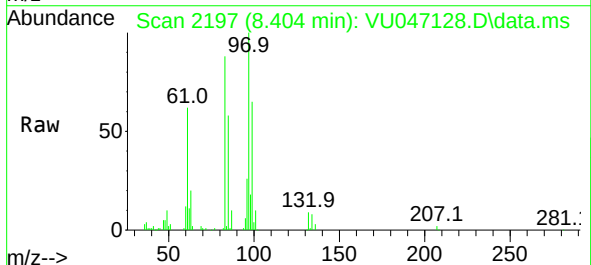
Manual Integrations
APPROVED

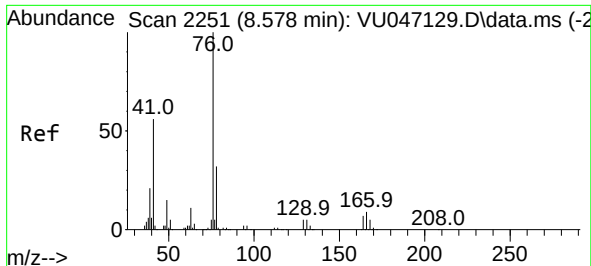
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#52
1,1,2-Trichloroethane
Concen: 5.073 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Tgt Ion: 97 Resp: 61863
Ion Ratio Lower Upper
97 100
83 88.5 69.8 104.8
85 58.1 44.2 66.4
99 64.6 49.7 74.5





#53

1,3-Dichloropropane

Concen: 5.284 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 11065

Ion Ratio Lower Upper

76 100

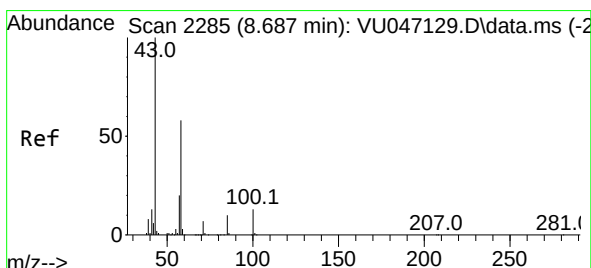
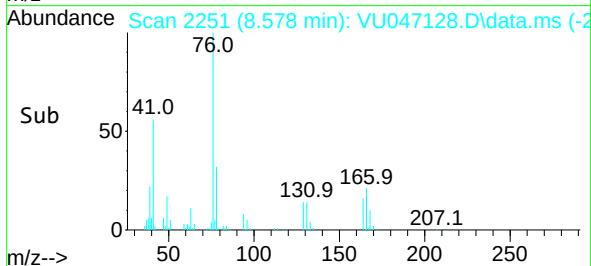
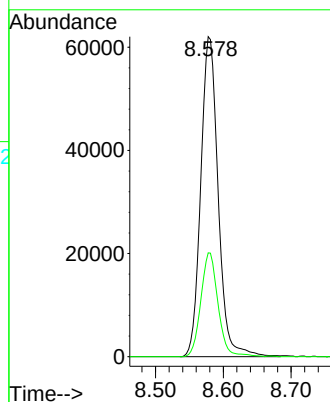
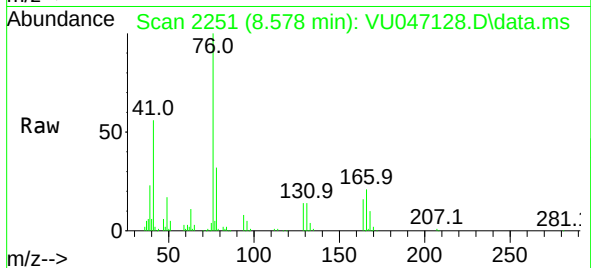
78 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#54

2-Hexanone

Concen: 28.490 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

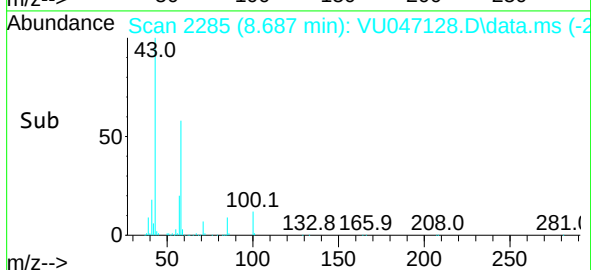
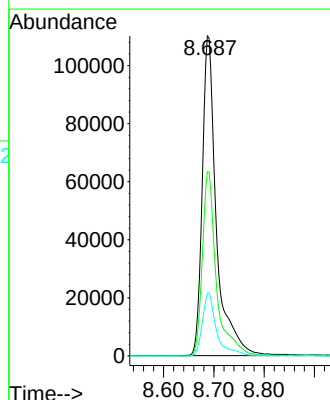
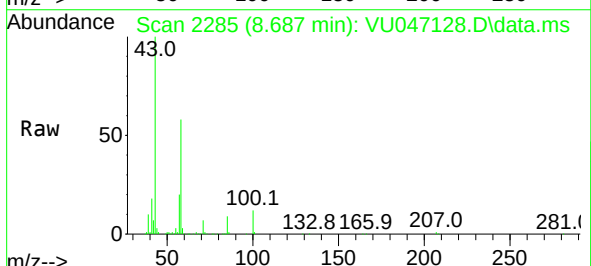
Tgt Ion: 43 Resp: 216224

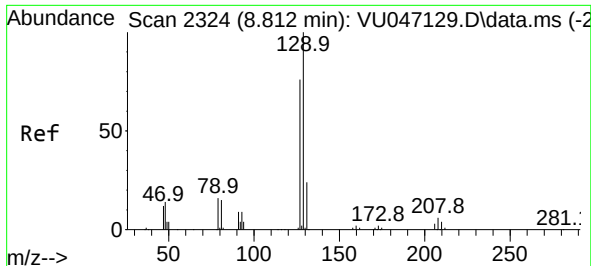
Ion Ratio Lower Upper

43 100

58 57.5 37.7 77.7

57 19.8 0.5 40.5





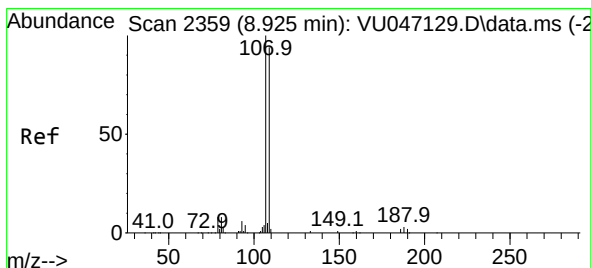
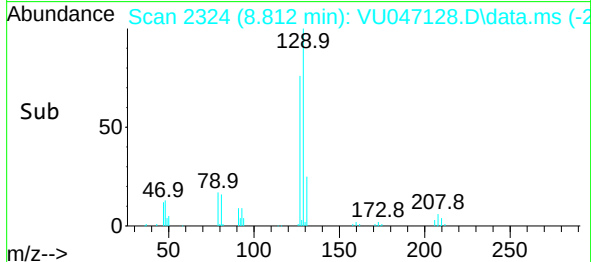
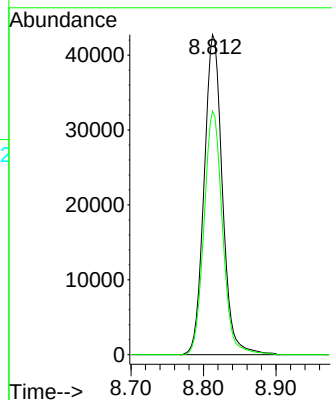
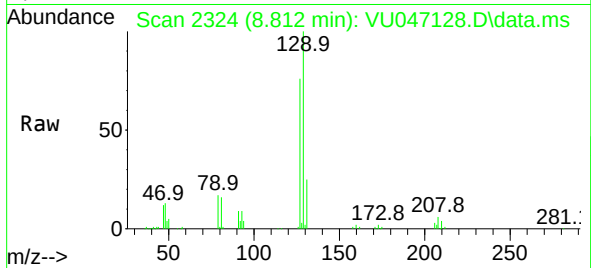
#55
Dibromochloromethane
Concen: 5.409 ug/l
RT: 8.812 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 74934
Ion Ratio Lower Upper
129 100
127 76.8 62.2 93.4

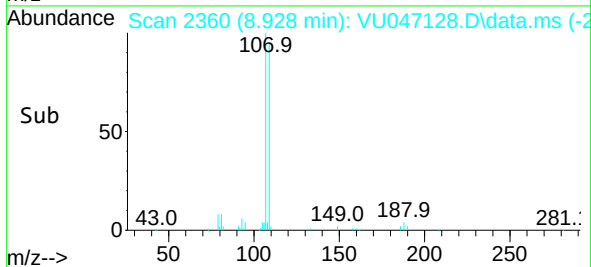
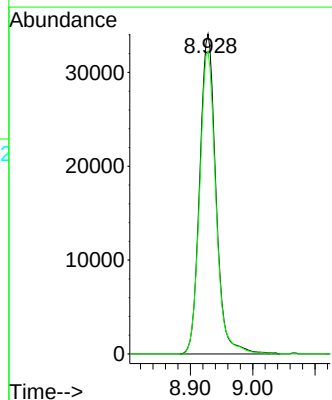
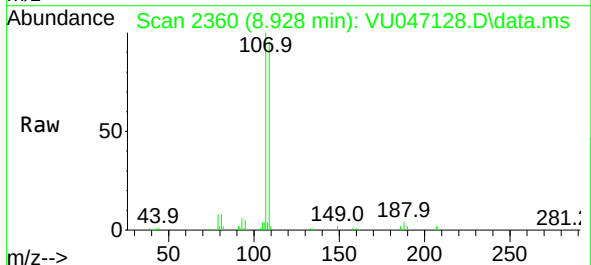
Manual Integrations
APPROVED

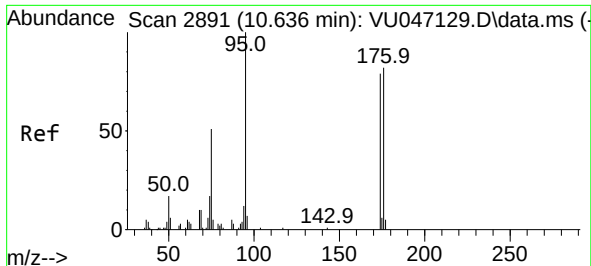
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#56
1,2-Dibromoethane
Concen: 5.435 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

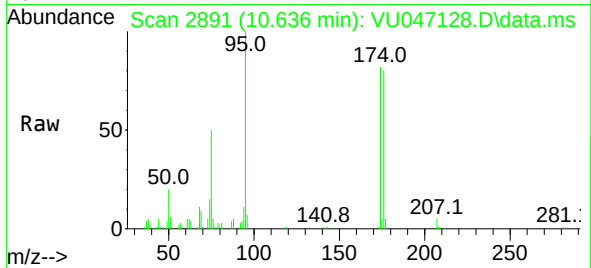
Tgt Ion:107 Resp: 61746
Ion Ratio Lower Upper
107 100
109 94.5 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.137 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.004 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

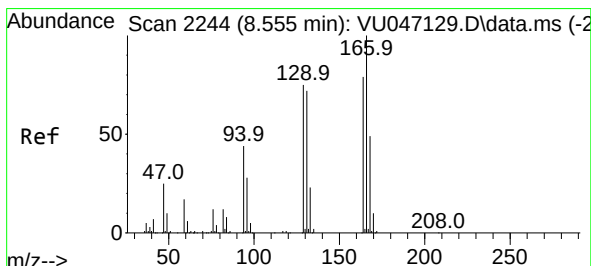
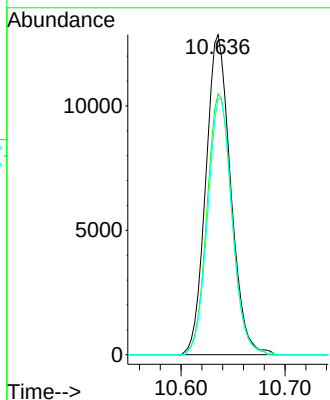
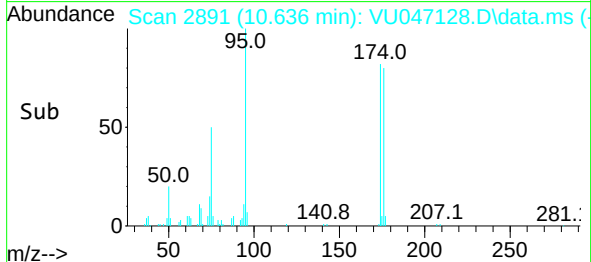
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



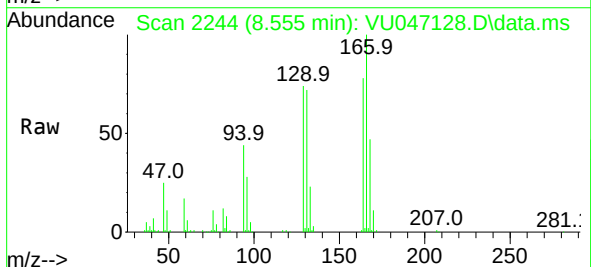
Tgt Ion: 95 Resp: 2136
Ion Ratio Lower Upper
95 100
174 81.8 56.6 84.8
176 78.8 54.3 81.5

Manual Integrations
APPROVED

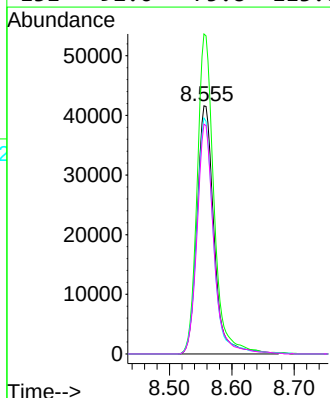
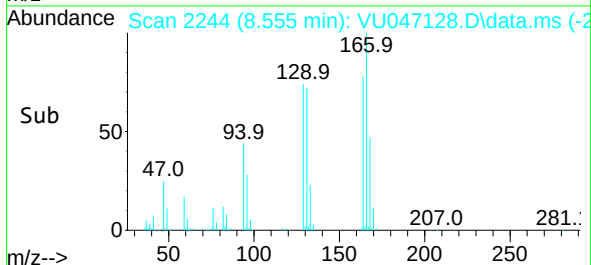
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

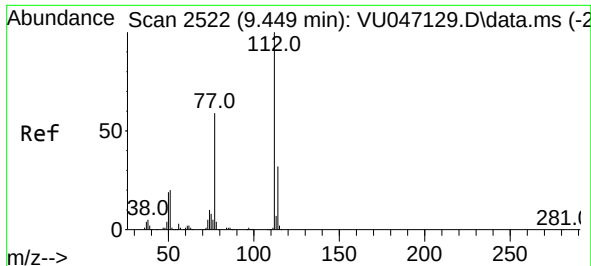


#58
Tetrachloroethene
Concen: 5.706 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



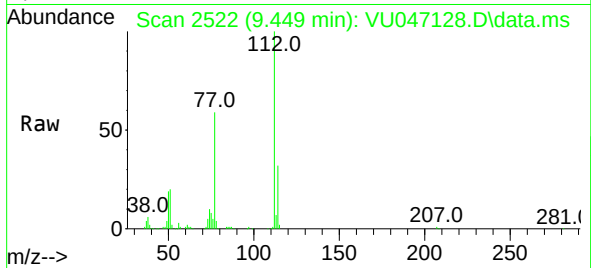
Tgt Ion:164 Resp: 78539
Ion Ratio Lower Upper
164 100
166 129.0 102.0 153.0
129 95.1 77.1 115.7
131 92.6 75.8 113.6





#59
Chlorobenzene
Concen: 5.771 ug/l
RT: 9.449 min Scan# 216304
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

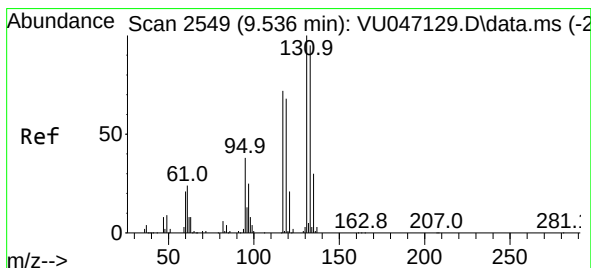
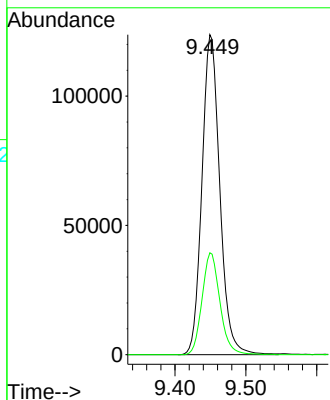
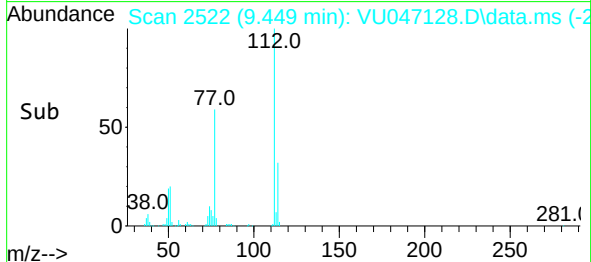
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



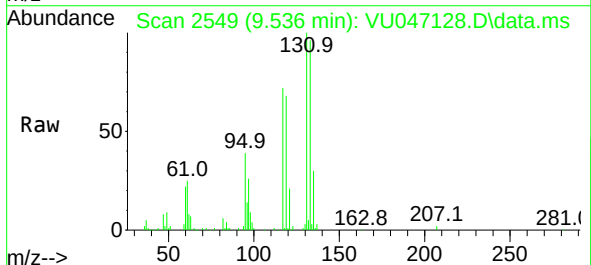
Tgt Ion:112 Resp: 216304
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

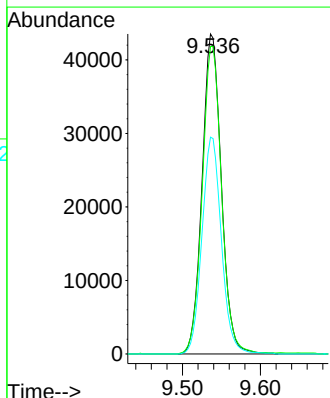
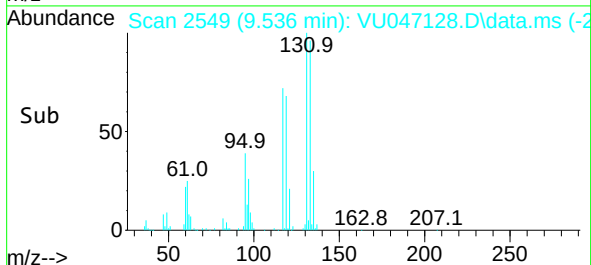
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

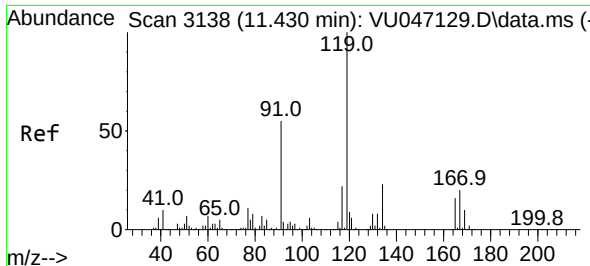


#60
1,1,1,2-Tetrachloroethane
Concen: 5.339 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



Tgt Ion:131 Resp: 74732
Ion Ratio Lower Upper
131 100
133 96.9 76.0 114.0
119 68.4 54.9 82.3





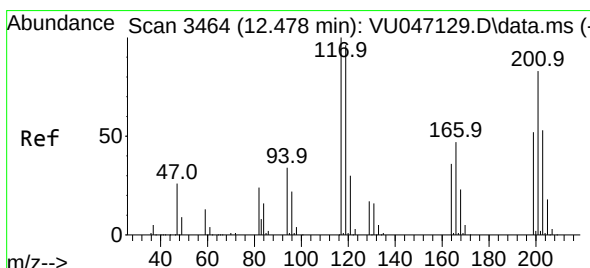
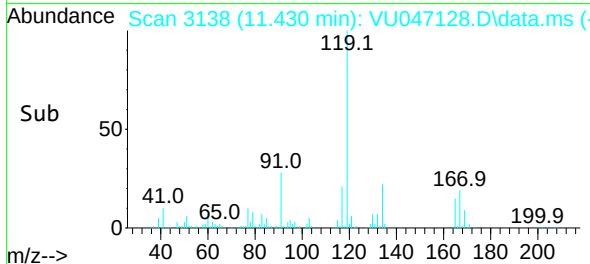
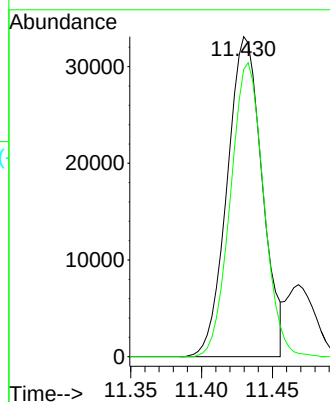
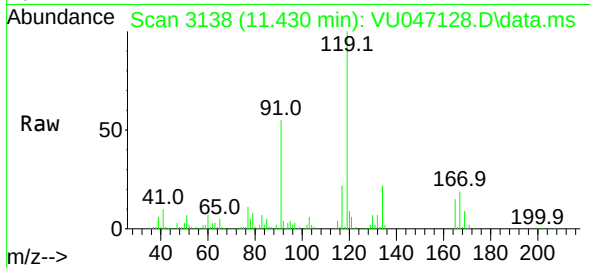
#61
Pentachloroethane
Concen: 4.918 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 56889
Ion Ratio Lower Upper
117 100
167 87.0 59.7 89.5

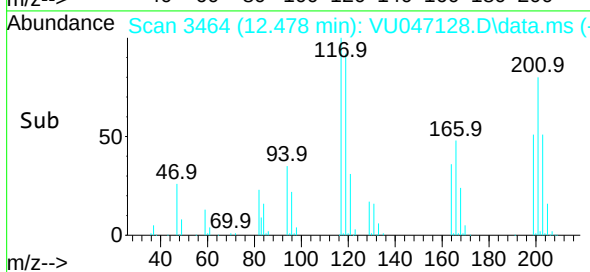
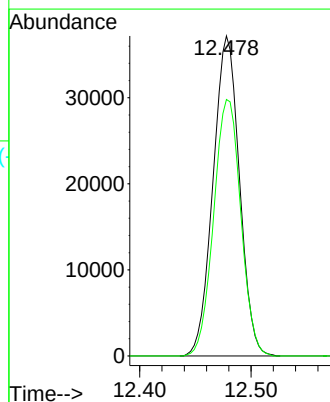
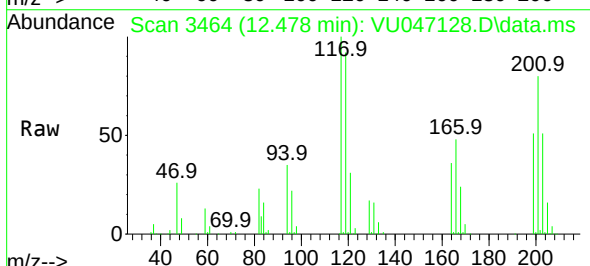
Manual Integrations
APPROVED

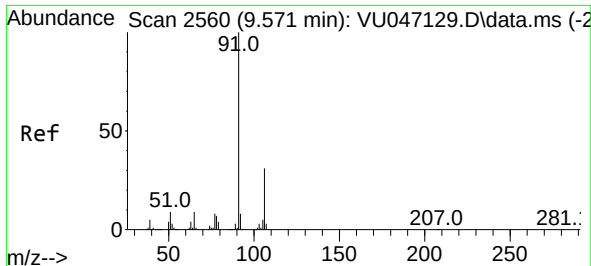
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#62
Hexachloroethane
Concen: 5.460 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

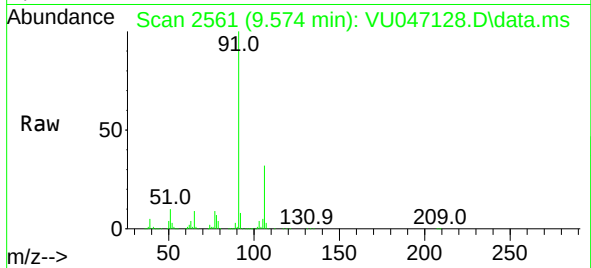
Tgt Ion:117 Resp: 61152
Ion Ratio Lower Upper
117 100
201 82.4 53.6 80.4#





#63
Ethyl Benzene
Concen: 6.116 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

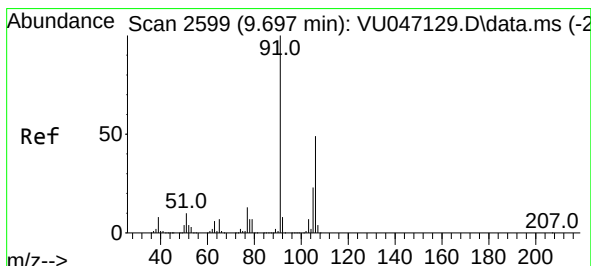
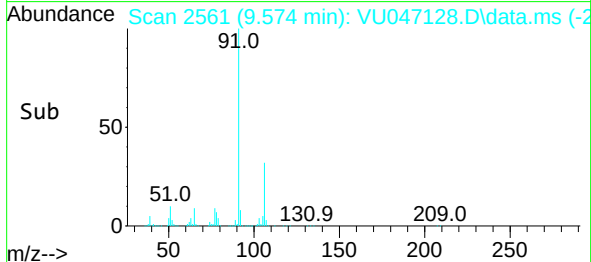
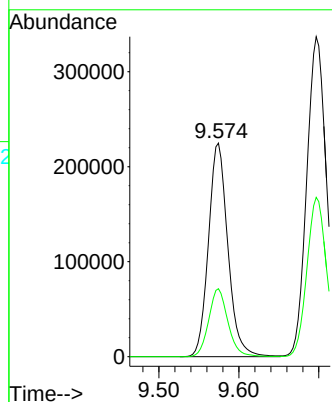
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 379335
Ion Ratio Lower Upper
91 100
106 31.9 24.4 36.6

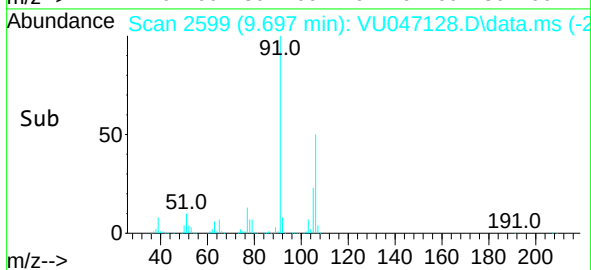
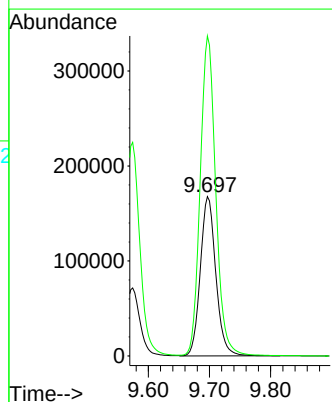
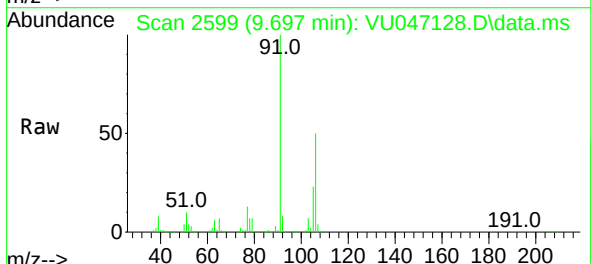
Manual Integrations
APPROVED

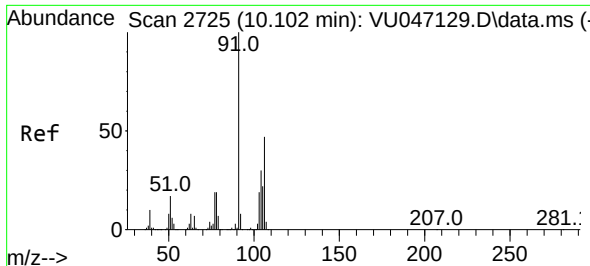
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#64
m/p-Xylenes
Concen: 12.135 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

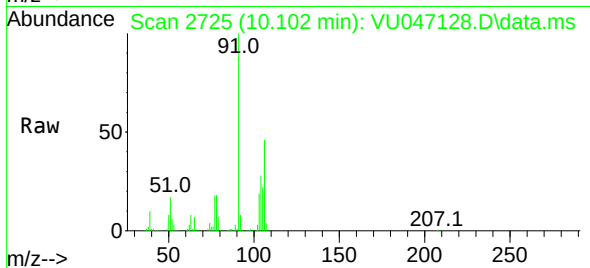
Tgt Ion:106 Resp: 294632
Ion Ratio Lower Upper
106 100
91 201.3 165.5 248.3





#65
o-Xylene
Concen: 6.089 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

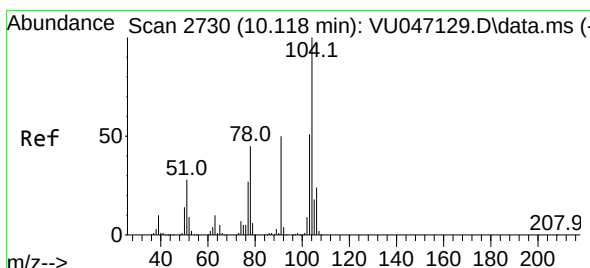
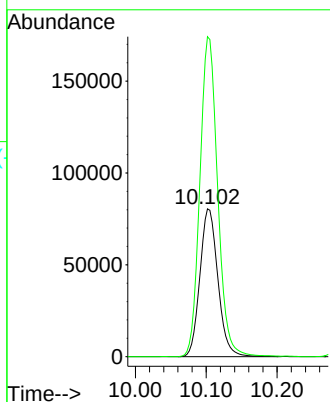
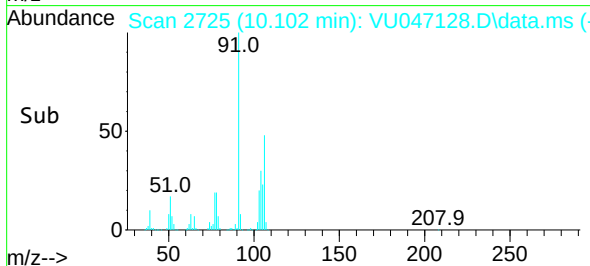
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:106 Resp: 14179
Ion Ratio Lower Upper
106 100
91 214.2 109.4 328.2

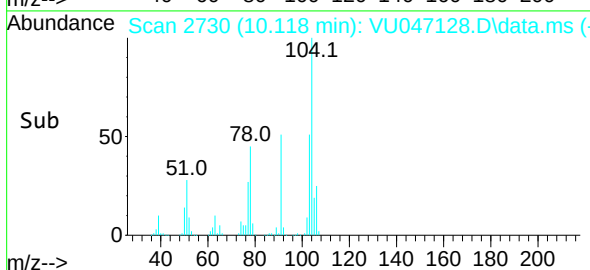
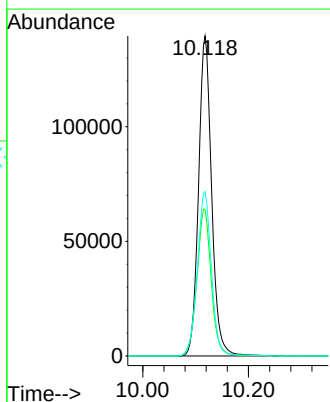
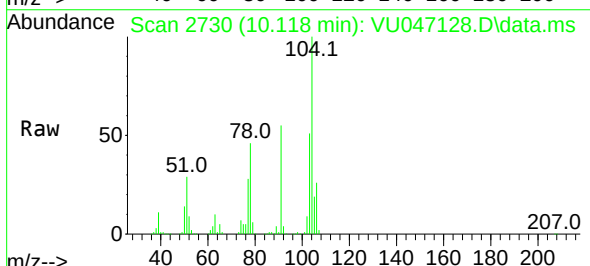
Manual Integrations
APPROVED

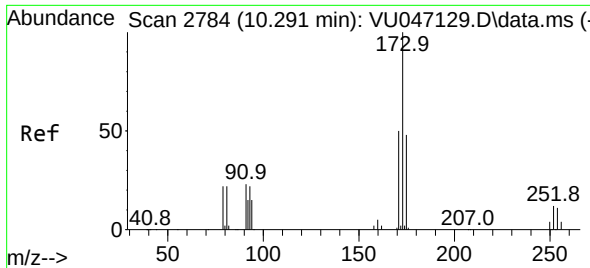
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#66
Styrene
Concen: 6.110 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Tgt Ion:104 Resp: 240226
Ion Ratio Lower Upper
104 100
78 49.7 42.4 63.6
103 55.1 44.2 66.4





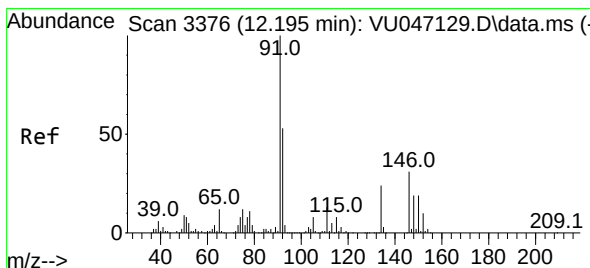
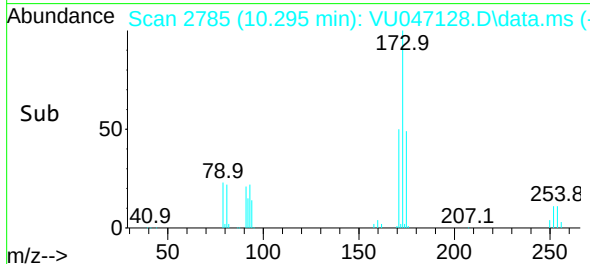
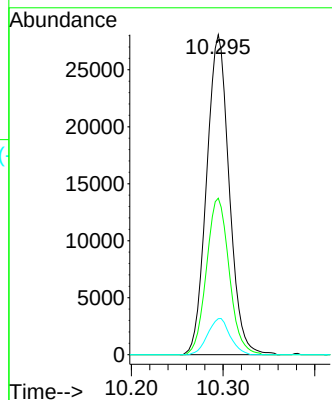
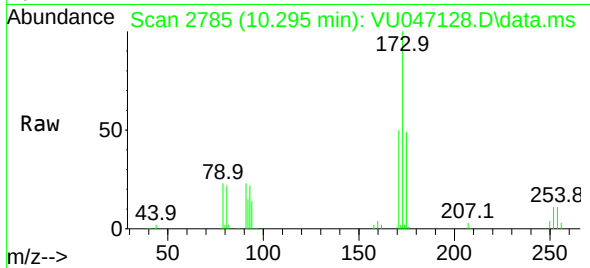
#67
Bromoform
Concen: 5.670 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 48010
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
254 11.2 5.5 8.3

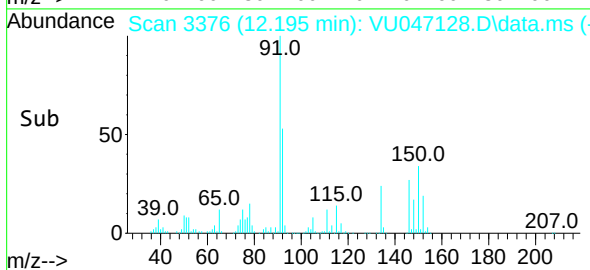
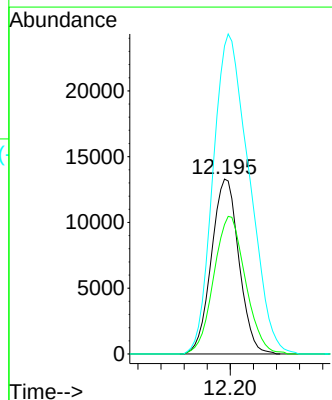
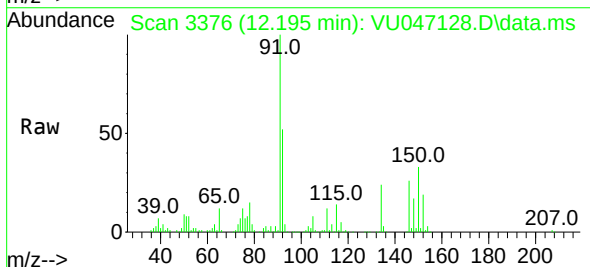
Manual Integrations
APPROVED

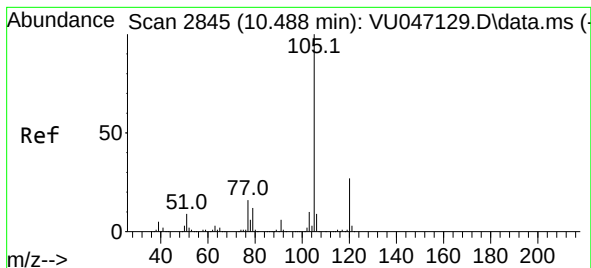
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#68
1,2-Dichlorobenzene-d4
Concen: 1.023 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Tgt Ion:152 Resp: 22015
Ion Ratio Lower Upper
152 100
115 90.5 0.0 251.0
150 239.7 0.0 613.8





#69

Isopropylbenzene

Concen: 6.278 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. -0.000 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 380610

Ion Ratio Lower Upper

105 100

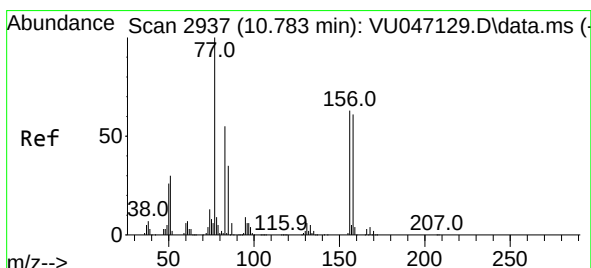
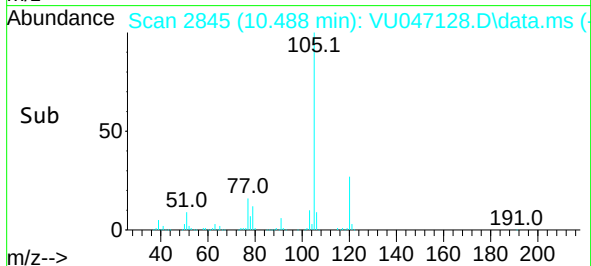
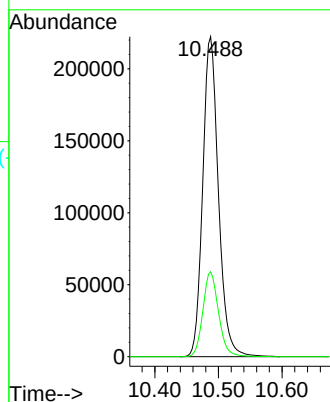
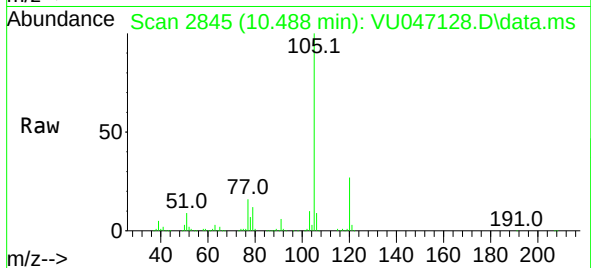
120 26.5 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#70

1,1,2,2-Tetrachloroethane

Concen: 5.111 ug/l

RT: 10.787 min Scan# 2938

Delta R.T. 0.003 min

Lab File: VU047128.D

Acq: 14 Feb 2022 11:40

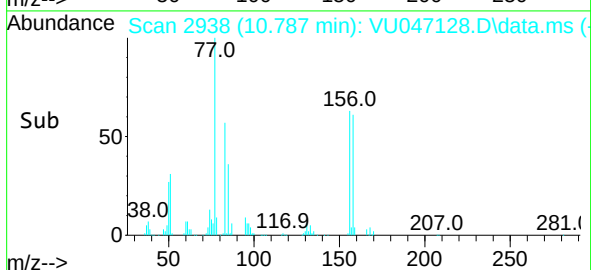
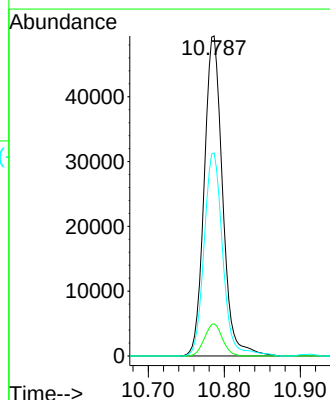
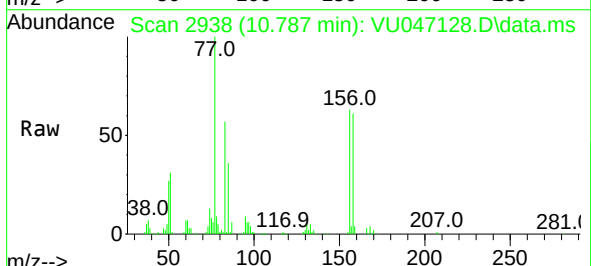
Tgt Ion: 83 Resp: 82758

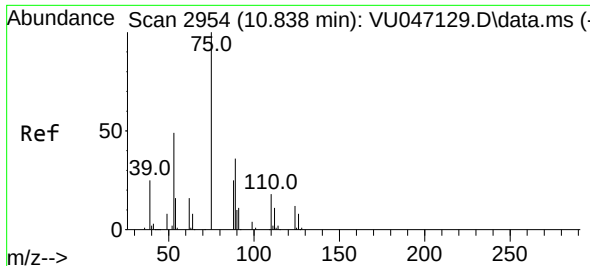
Ion Ratio Lower Upper

83 100

131 9.8 7.6 11.4

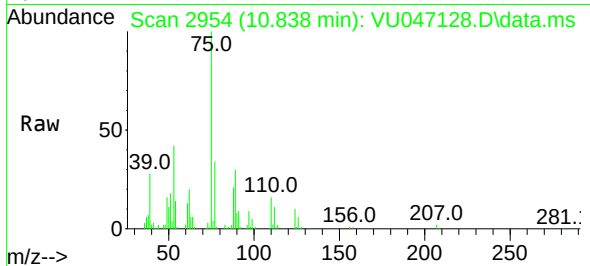
85 64.4 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 5.678 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. 0.009 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

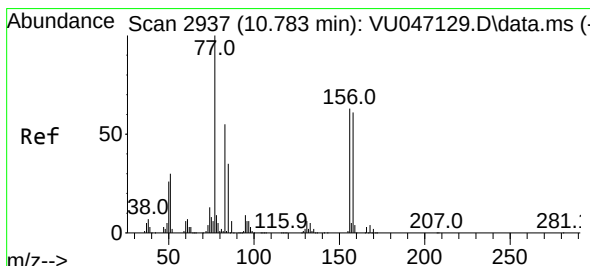
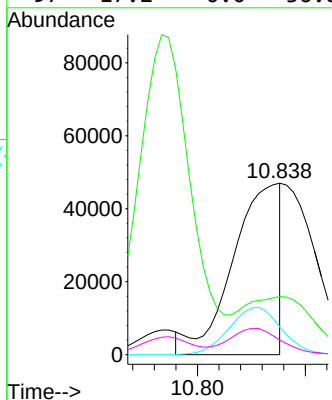
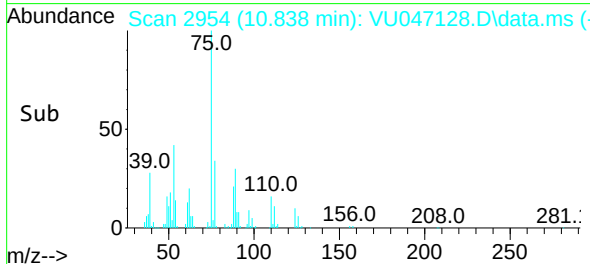
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



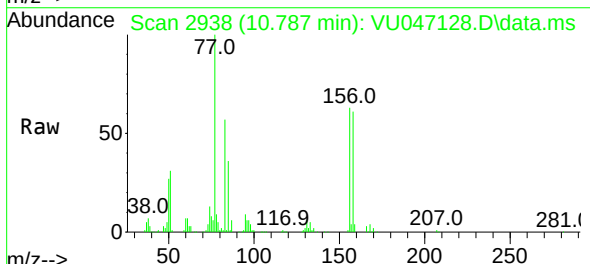
Tgt Ion: 75 Resp: 72284
Ion Ratio Lower Upper
75 100
77 49.5 0.0 105.6
110 30.6 0.0 71.2
97 17.2 0.0 36.8

Manual Integrations
APPROVED

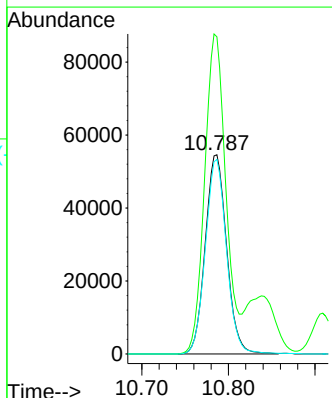
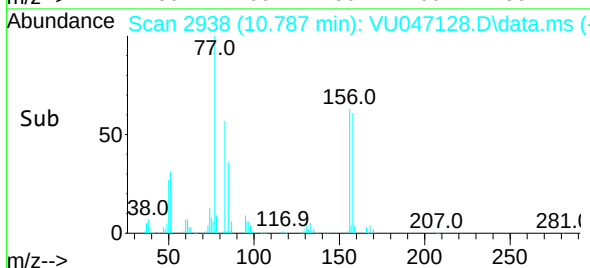
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

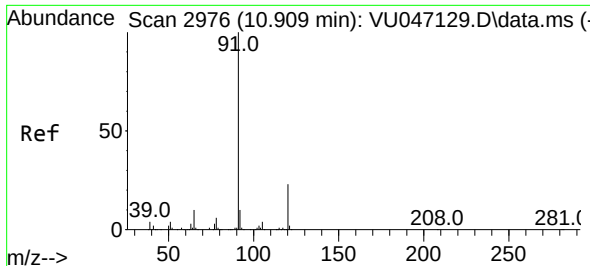


#72
Bromobenzene
Concen: 5.643 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



Tgt Ion:156 Resp: 93639
Ion Ratio Lower Upper
156 100
77 157.7 0.0 370.6
158 96.5 0.0 193.4





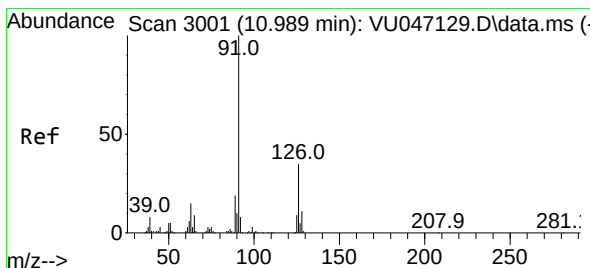
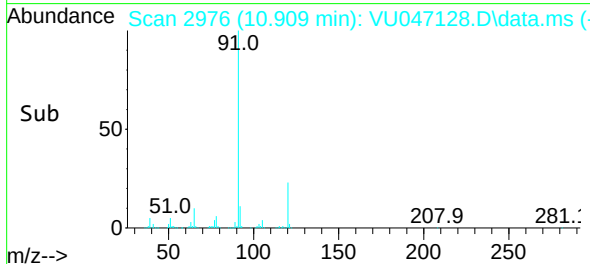
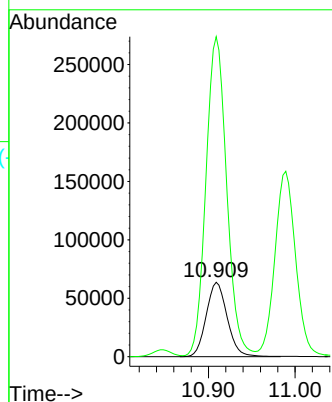
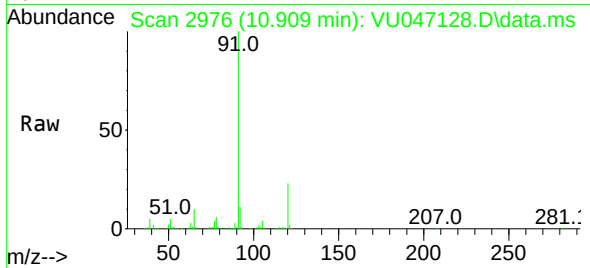
#73
n-propylbenzene
Concen: 6.348 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:120 Resp: 10704
Ion Ratio Lower Upper
120 100
91 426.9 370.7 556.1

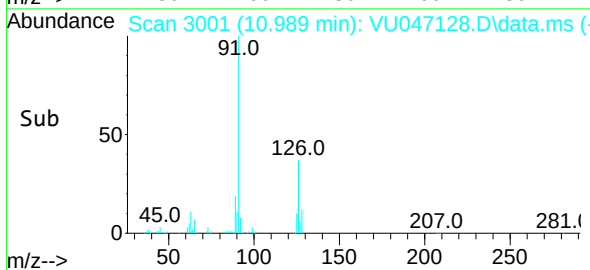
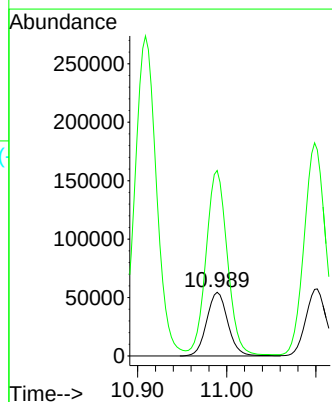
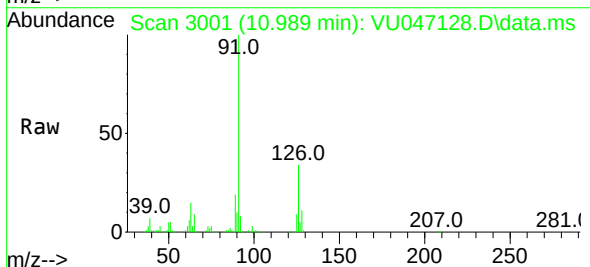
Manual Integrations
APPROVED

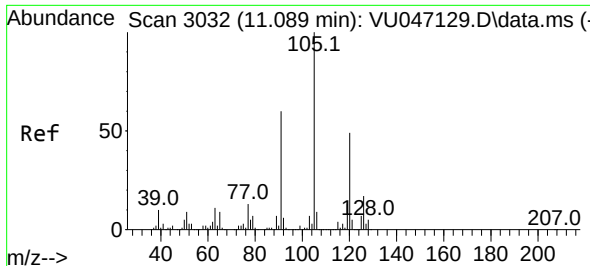
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#74
2-Chlorotoluene
Concen: 5.832 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Tgt Ion:126 Resp: 89562
Ion Ratio Lower Upper
126 100
91 296.9 0.0 639.6





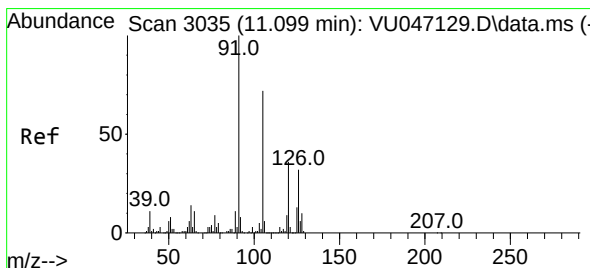
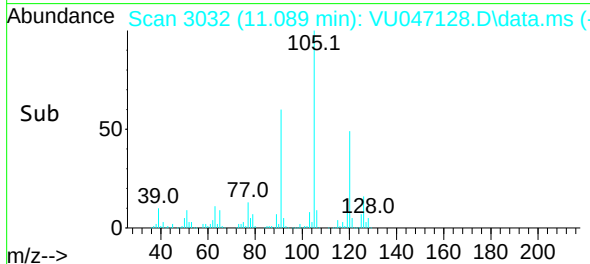
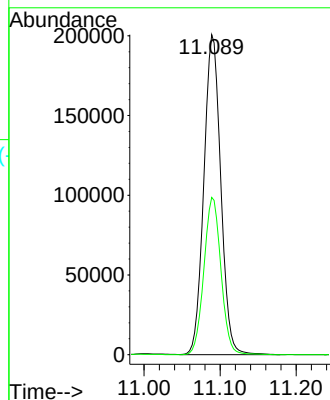
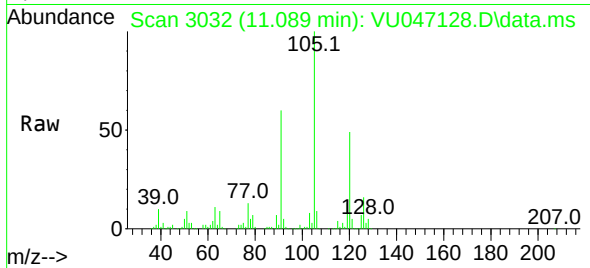
#75
1,3,5-Trimethylbenzene
Concen: 5.888 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 310414
Ion Ratio Lower Upper
105 100
120 49.5 38.6 58.0

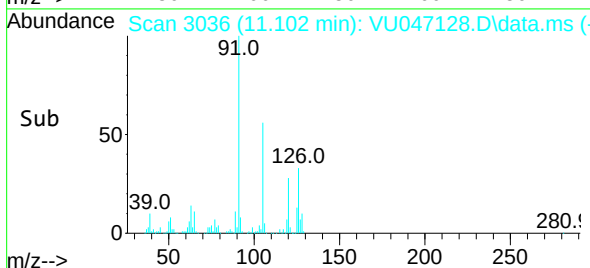
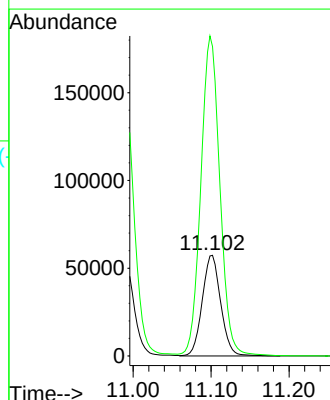
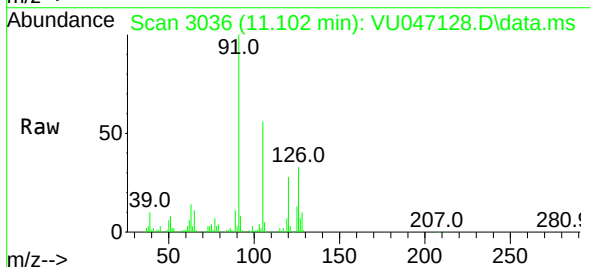
Manual Integrations
APPROVED

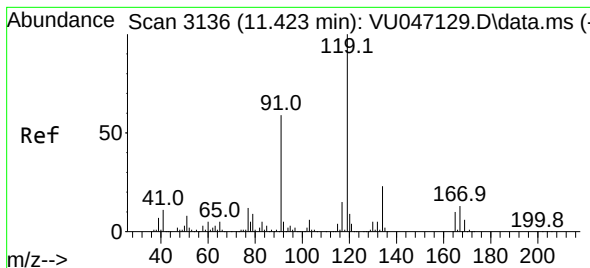
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#76
4-Chlorotoluene
Concen: 5.908 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

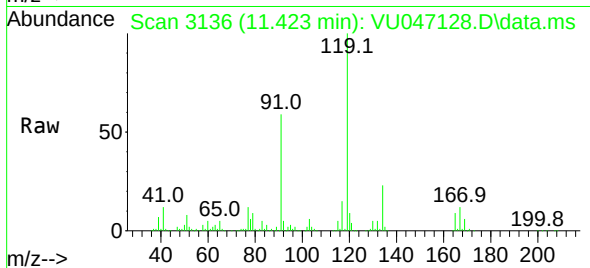
Tgt Ion:126 Resp: 94308
Ion Ratio Lower Upper
126 100
91 327.3 0.0 728.0





#77
tert-Butylbenzene
Concen: 6.035 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

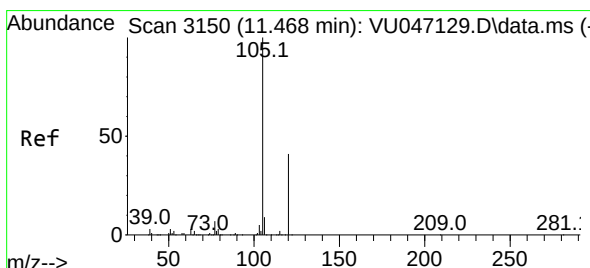
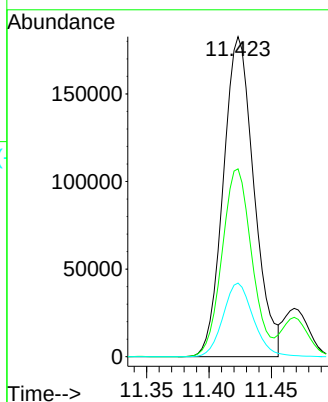
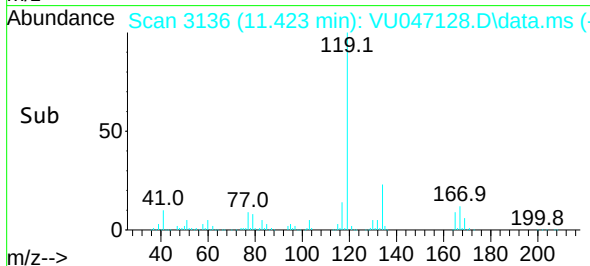
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



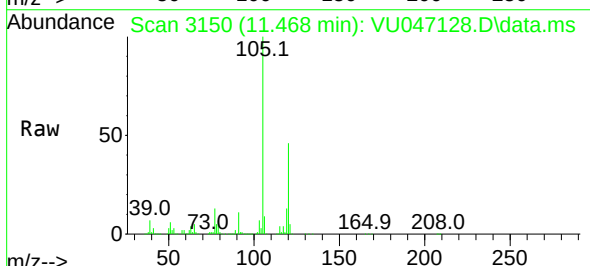
Tgt Ion:119 Resp: 31342
Ion Ratio Lower Upper
119 100
91 57.2 31.4 94.3
134 22.7 18.5 27.7

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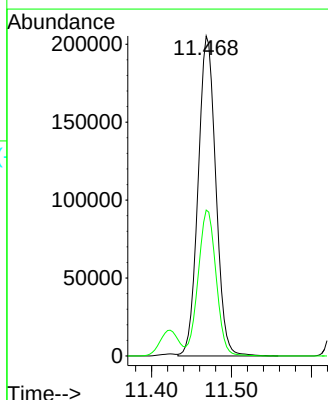
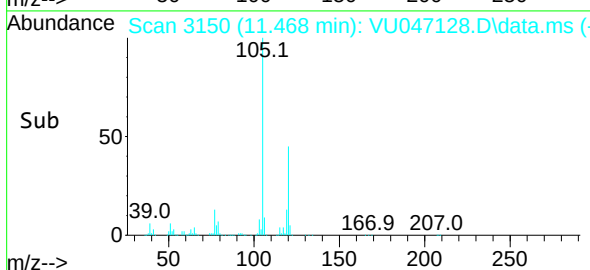
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

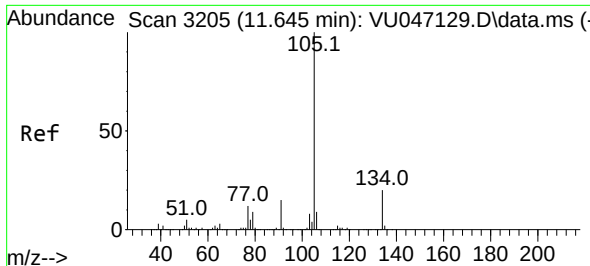


#78
1,2,4-Trimethylbenzene
Concen: 5.900 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



Tgt Ion:105 Resp: 316769
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8





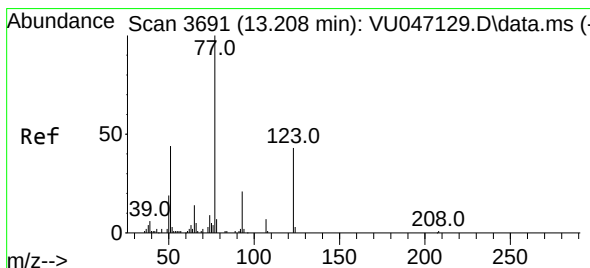
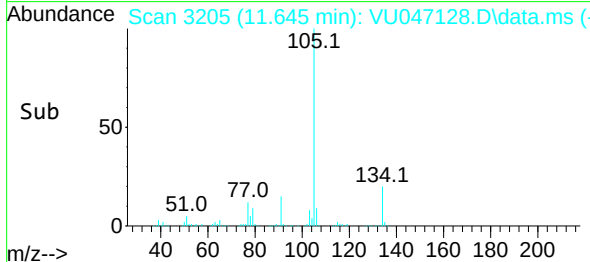
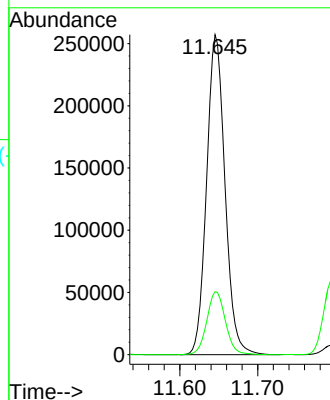
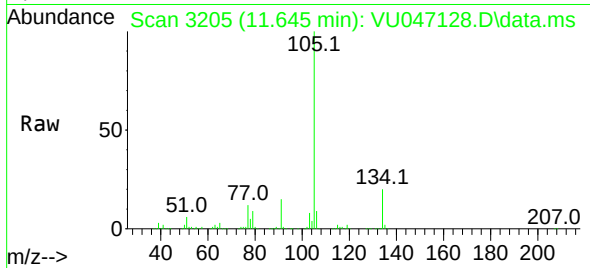
#79
 sec-Butylbenzene
 Concen: 6.030 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU047128.D
 Acq: 14 Feb 2022 11:40

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 420879
 Ion Ratio Lower Upper
 105 100
 134 20.0 15.4 23.0

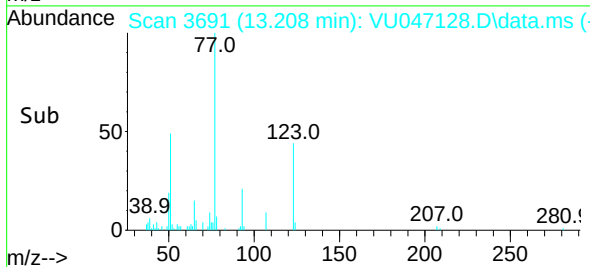
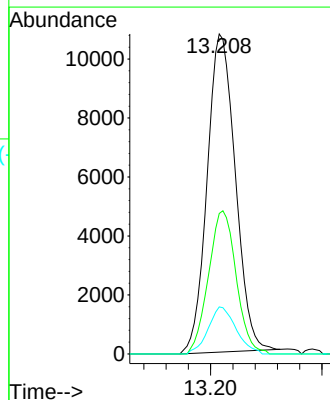
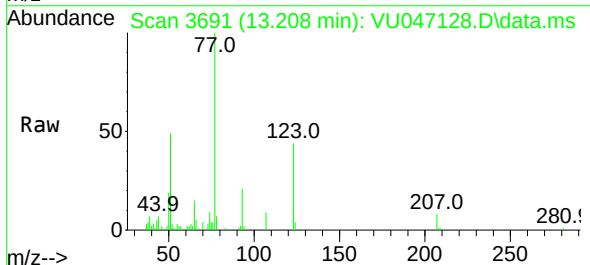
Manual Integrations
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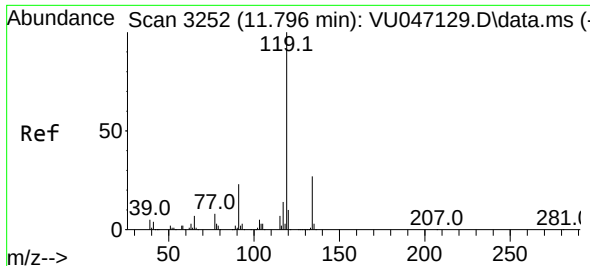
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#80
 Nitrobenzene
 Concen: 27.433 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU047128.D
 Acq: 14 Feb 2022 11:40

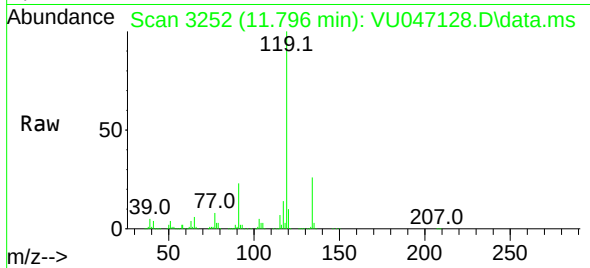
Tgt Ion: 77 Resp: 18958
 Ion Ratio Lower Upper
 77 100
 123 44.2 18.2 64.4
 65 14.6 12.0 15.2





#81
p-Isopropyltoluene
Concen: 6.137 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

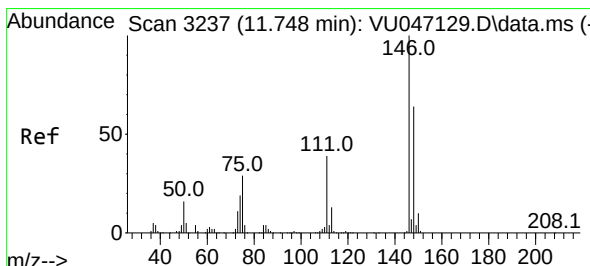
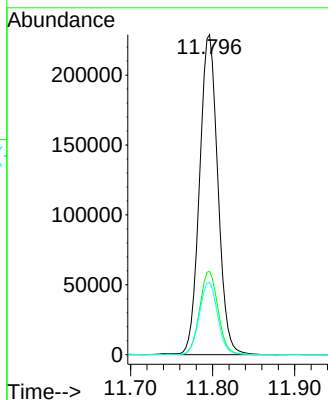
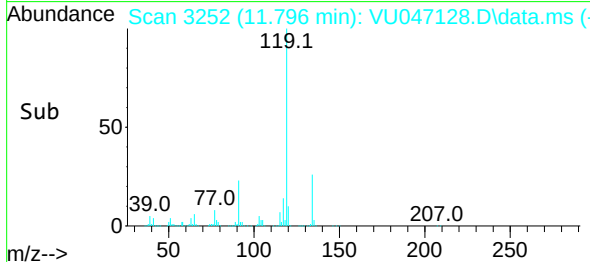
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



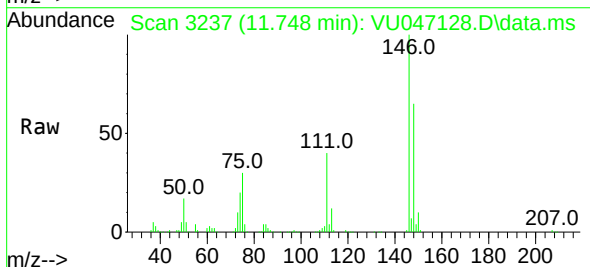
Tgt Ion:119 Resp: 35446
Ion Ratio Lower Upper
119 100
134 26.2 20.2 30.4
91 22.7 19.9 29.9

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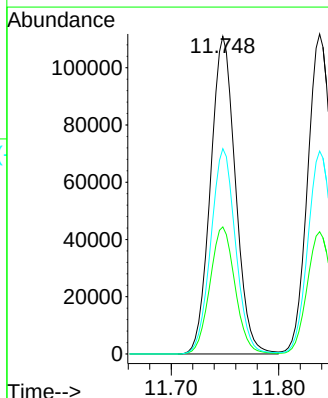
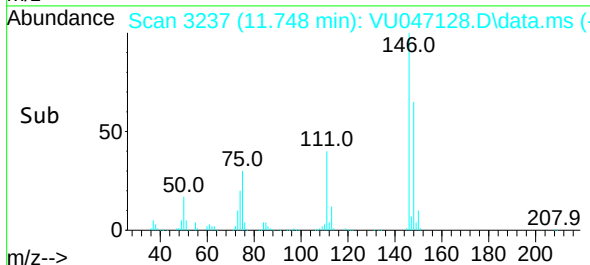
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

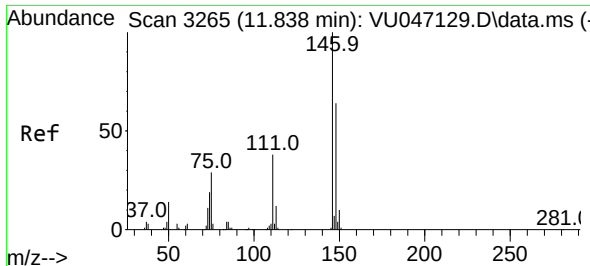


#82
1,3-Dichlorobenzene
Concen: 5.396 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



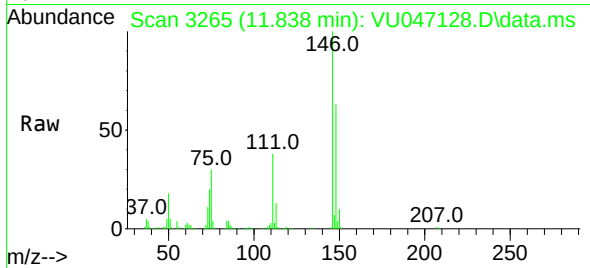
Tgt Ion:146 Resp: 178732
Ion Ratio Lower Upper
146 100
111 40.3 33.9 50.9
148 64.3 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 5.546 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

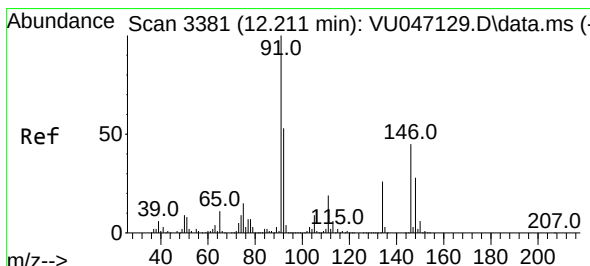
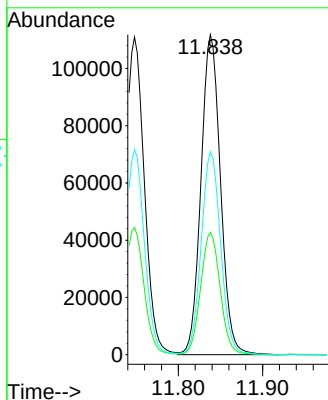
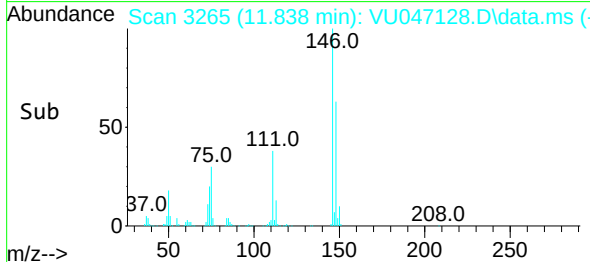
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



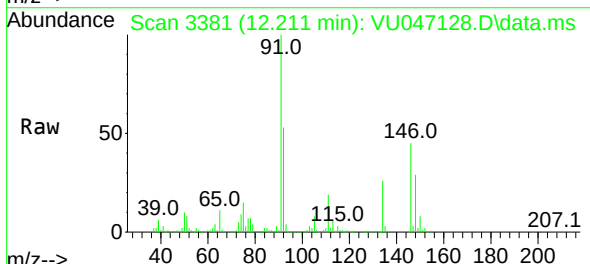
Tgt Ion:146 Resp: 180528
Ion Ratio Lower Upper
146 100
111 38.2 32.7 49.1
148 63.3 51.4 77.0

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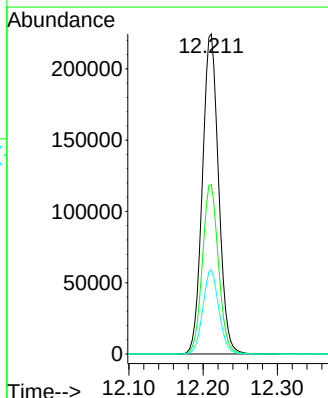
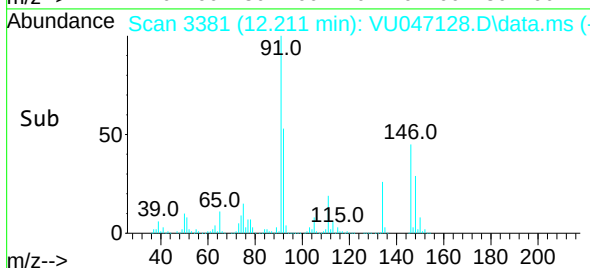
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

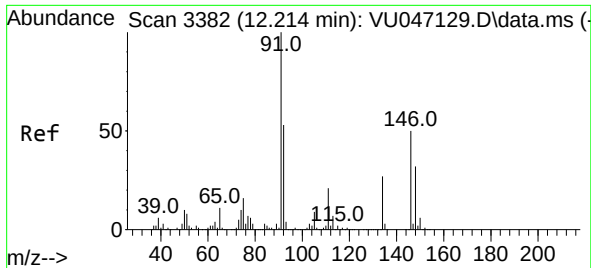


#84
n-Butylbenzene
Concen: 6.132 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



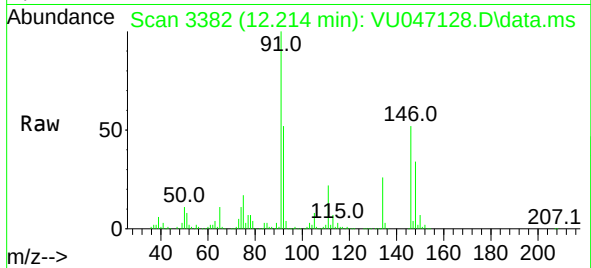
Tgt Ion: 91 Resp: 338925
Ion Ratio Lower Upper
91 100
92 52.5 43.5 65.3
134 25.9 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 5.348 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

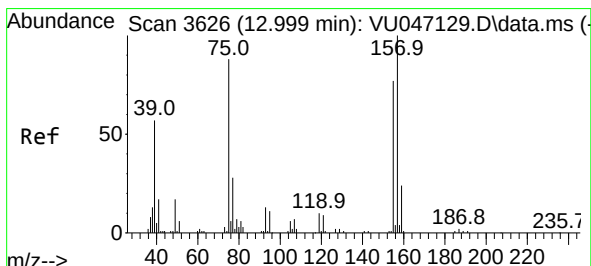
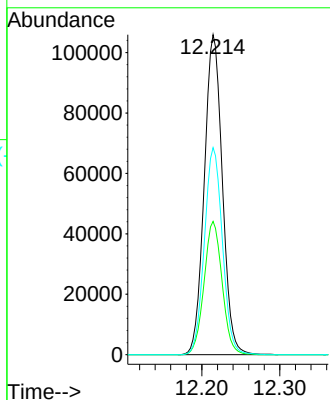
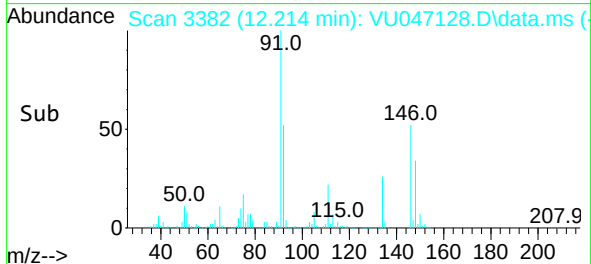
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



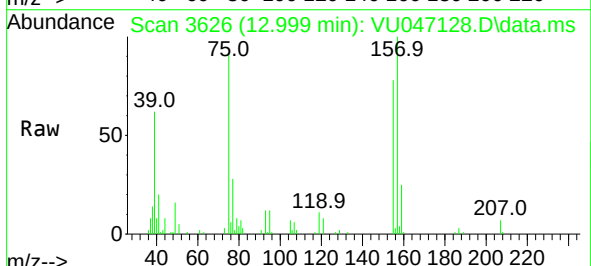
Tgt Ion:146 Resp: 170630
Ion Ratio Lower Upper
146 100
111 41.6 22.1 66.1
148 64.6 31.6 94.7

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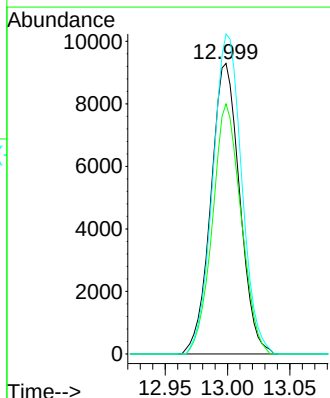
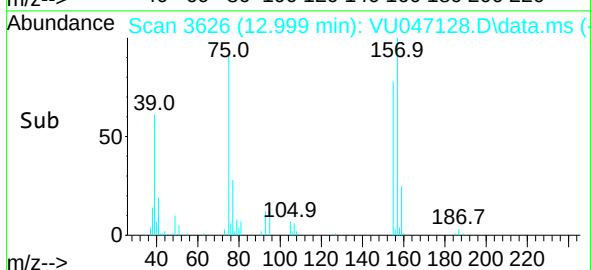
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

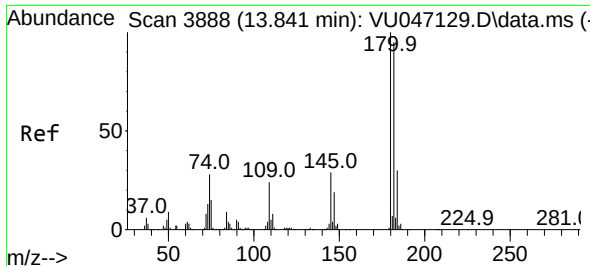


#86
1,2-Dibromo-3-Chloropropane
Concen: 5.685 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



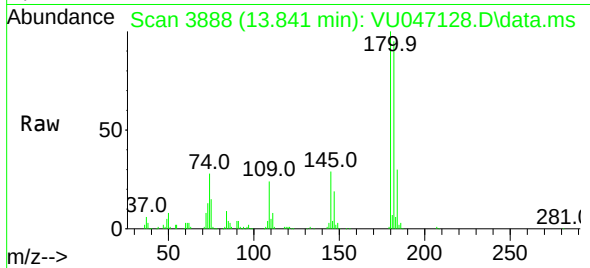
Tgt Ion: 75 Resp: 14949
Ion Ratio Lower Upper
75 100
155 85.4 57.8 86.8
157 110.7 75.1 112.7





#87
 1,2,4-Trichlorobenzene
 Concen: 6.533 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047128.D
 Acq: 14 Feb 2022 11:40

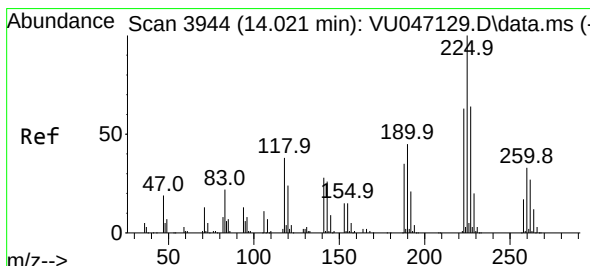
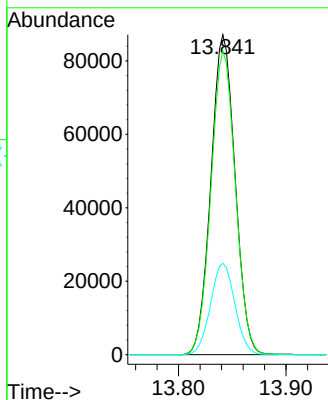
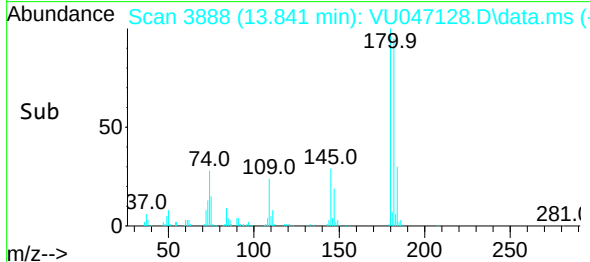
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



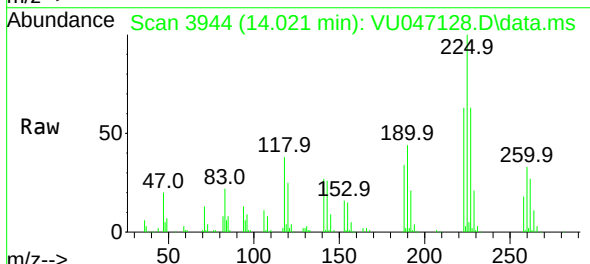
Tgt Ion:180 Resp: 135897
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.8 113.8
 145 28.9 25.3 37.9

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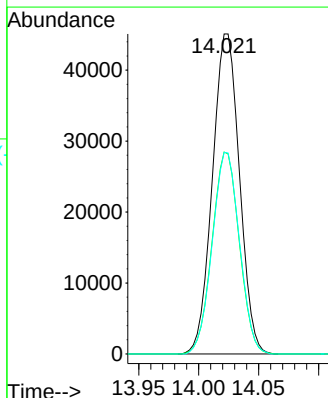
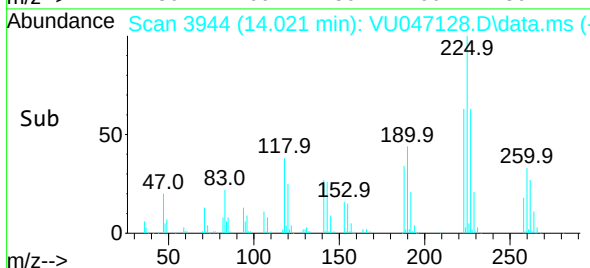
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022

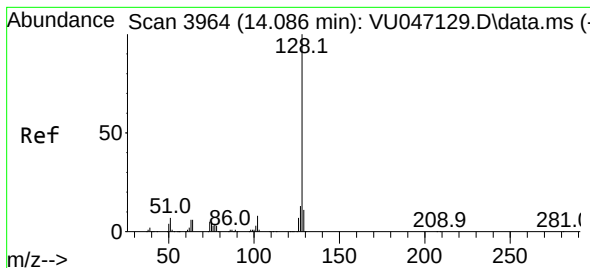


#88
 Hexachlorobutadiene
 Concen: 5.433 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. -0.004 min
 Lab File: VU047128.D
 Acq: 14 Feb 2022 11:40



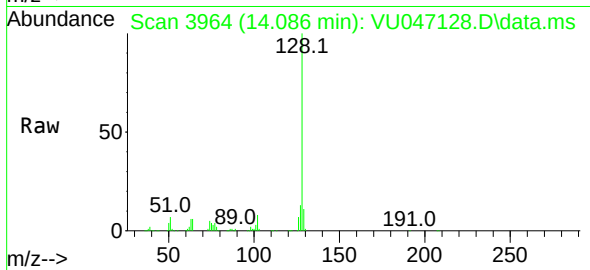
Tgt Ion:225 Resp: 70679
 Ion Ratio Lower Upper
 225 100
 223 63.5 51.1 76.7
 227 63.3 49.9 74.9





#89
Naphthalene
Concen: 7.354 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40

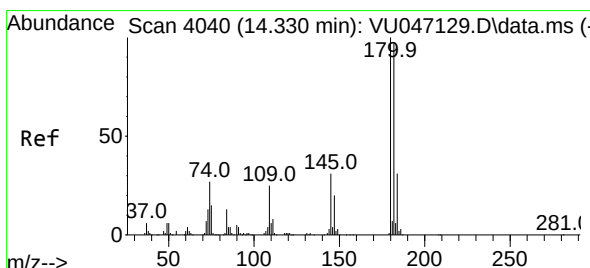
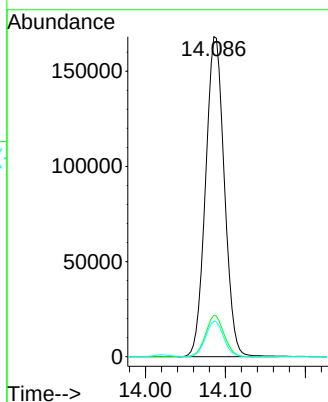
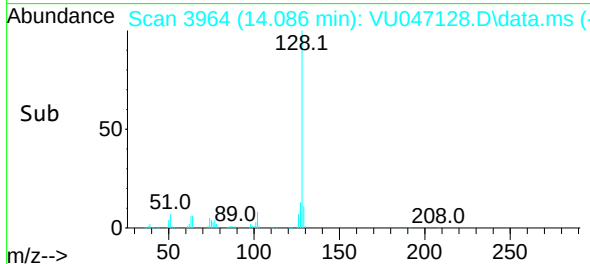
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



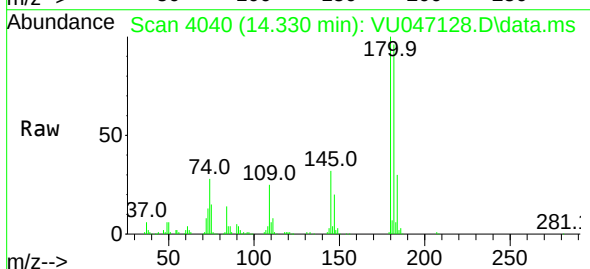
Tgt Ion:128 Resp: 274690
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.7 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 5.981 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047128.D
Acq: 14 Feb 2022 11:40



Tgt Ion:180 Resp: 122583
Ion Ratio Lower Upper
180 100
182 96.9 75.4 113.0
145 31.4 27.0 40.4

